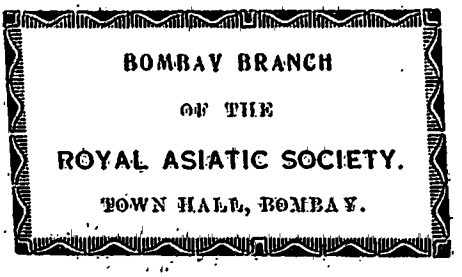
views by the Standing Committee
the Administration of
the Municipal Commissioners,
1897-98.



Digitized with financial assistance from
Government of Maharashtra
on 01 February, 2020

00133752

133752

Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the year 1897-98.

1. During the year under review the office of President of the Corporation was held by Sir George Cotton, Kt., that of Chairman of the Standing Committee by the Hon'ble Mr. Bhalchandra Krishna Bhatwadekar, L.M., and that of Municipal Commissioner by Mr. P. C. H. Snow, I.C.S., C.I.E. Mr. J. H. DuBoulay, I.C.S., was Deputy Municipal Commissioner up to the 2nd March 1898. The Corporation had to deplore the death of four of its members, *viz.*, the Hon'ble Mr. Abdalla M. Dharamsi, Mr. Bomonjee Pestonjee Master, the Hon'ble Mr. Javerilal Umiashankar Yajnik, and Rai Bahadur Luchmon Singh; and it lost the valuable services of two very meritorious officers by the death of Mr. Sorabjee Nowrosjee Cooper, Chief Accountant, and Mr. Howard Newton, Acting Deputy Executive Engineer, Water Works.

2. 48 meetings of the Corporation were held during the year. There were also 3 meetings of the Committee of the whole Corporation. The Standing Committee met 61 times, and other Committees of the Corporation held 32 meetings. Of Sub-Committees of the Standing Committee there were 8 meetings.

Financial.

3. The effect of the Plague on the finances of the year was even more disastrous than in the preceding year. The opening balance, including recoverable advances, reserve stock, &c., and, excluding deposits, unexpended loan balances and minor adjustments, was Rs. 29,76,552-15-10. Deducting from this amount Rs. 9,01,840-12-6 advanced for reserve stock, and Rs. 6,71,162-7-11 on account of lapsed grants for previous years renewed during the year of report, and also the minimum cash balance of Rs. 1,00,000 required by law (total Rs. 16,73,003-4-5), the unappropriated surplus cash balance at the beginning of the year was Rs. 13,03,549-11-5. Adding to the gross opening balance of Rs. 29,76,552-15-10 the revenue realized during the year, Rs. 71,45,560-[illegible]

the total amount available for expenditure was Rs. 1,01,22,113-8-3. Out of this the amount spent during the year was Rs. 74,96,969-2-10, so that the operations of the year resulted in an apparent surplus of Rs. 26,25,144-5-5. This sum, however, does not represent the amount actually available at the end of the year for further requirements since it includes—

Rs.	5,83,509	8	1,	being the amount of lapsed grants for the year of report and previous years to be renewed in 1898-99 ;
Rs.	9,03,586	11	9,	being the value of reserve stock ;
Rs.	8,12,546	4	8,	being the net advance made up to 1897-98 for purchase of land on the Agripada Estate, &c., which was expected to be recouped by the sale of frontage lands but cannot now be so recouped as the lands have been made over by Act IV of 1898 to the City of Bombay Improvement Trust ; and
Rs.	1,00,000	0	0,	being the minimum cash balance required by law.
Total Rs.	23,99,642	8	6	

The actual unappropriated surplus cash balance was thus reduced from Rs. 13,03,549-11-5 at the opening of the year to Rs. 2,25,501-12-11 at its close, showing a loss during the year of over 10¾ lakhs.

4. *Income.*—The budget estimate of Income for 1897-98 was Rs. 67,90,100. The actuals for 1896-97 were Rs. 62,08,977-11-2. The revenue realized during 1897–98 amounted to Rs. 71,45,560-8-5, or more than the estimate by Rs. 3,55,460-8-5 and more than the previous year's revenue by Rs. 9,36,582-13-3. But the figure of revenue realized is swelled by the inclusion in it of a book entry of Rs. 4,37,055-0-1, which sum having been expended in 1896-97 from current revenue on plague accounts, a rebate was allowed to current revenue in 1897-98 in view of a loan of 20 lakhs which was sanctioned to be raised for plague purposes. Reduced by this amount the revenue of the year falls below the budget estimate by Rs. 81,594-7-8. Still it was better than the revenue of 1896-97 by Rs. 4,99,527-13-2 the increase being mainly due to the recovery of large outstandings and to a substantial increase in the receipts

from Town Duties, some of which may, however, be lost by refunds.

5. *Expenditure.*—The amount allotted for the expenditure of the year (inclusive of additional grants under Section 131 of the Municipal Act, renewed lapsed grants under Section 132, and transfers under Section 133) aggregated Rs. 84,41,310-11-8. Against this the actual disbursements amounted to only Rs. 74,96,969-2-10, which was short of the estimate by Rs. 9,44,341-8-10. Compared with the expenditure of 1896-97 the expenditure of the year of report shows an increase of Rs. 4,92,226-8-11. Out of the unexpended balance of Rs. 9,44,341-8-10 a sum of Rs. 5,83,509-8-1 is shown as "Amount renewed during 1898-99," leaving a net saving of Rs. 3,60,832-0-9 only over the estimate. The amount shown above as "Renewed during 1898-99" is explained by the Chief Accountant to be for liabilities incurred but not paid during the past year; for defraying the cost of works not completed; and for providing for works sanctioned but not taken in hand. The remarks made by the Chief Accountant in paras. 10 and 13 of his report and the figures quoted by him in support of his remarks indicate a faulty system of framing the estimates, which will no doubt receive the Commissioner's attention. The Standing Committee concur with Mr. Waite that at a time when the maximum limit of taxation fixed by law is being approached, it is more than ever necessary that estimates of expenditure should be framed with stricter attention to actual requirements than appears hitherto to have been the case, so as to admit of the financial position being gauged with accuracy.

6. Statements A and B printed at pages 11 and 12 of the Commissioner's report exhibit the main heads of revenue and expenditure as compared with the budget estimate for 1897-98 and the actuals for 1896-97.

The *General Tax* shows an increase of Rs. 2,01,319-12-11 over the previous year. About $\frac{3}{5}$ths of this increase is due to an expansion of revenue, the remaining $\frac{2}{5}$ths being ascribable to the collection during the year of a substantial portion of the outstandings left at the end of 1896-97.

Under *Water Tax and other Miscellaneous Water Works Revenue*, there is a decrease of Rs. 68,558-0-7. Some portion

of this is due to a decreased consumption of water by mills owing to the effect of plague on the mill industry of Bombay; but the greater portion of the decrease is nominal, being due to the fact that, under the terms of the Standing Committee's Resolution No. 1644, dated the 12th May 1897, bills for water supplied by meter were not prepared for the quarter ending 31st December 1897, but for the half-year ending 31st March 1898, thus deferring till 1898-99 the collections (aggregating about Rs. 1,75,000) for the third quarter of the official year. There was during the year a very satisfactory reduction of outstandings from Rs. 1,06,938-7-9 to Rs. 42,192-15-5.

The *Halalkhor Tax* brought in Rs. 46,999-8-8 more than in the previous year, the result being solely due to collection of outstandings, but for which the item would have shown a decrease since there was a large falling off in the receipts for the special halalkhor tax on mills, due to absence of work-people on account of plague.

From *Wheel Tax and Toll Fees* the receipts, though less by Rs. 27,662-0-9 than the estimate, were in excess of the previous year's receipts by Rs. 1,00,156-9-9—a result brought about partly by an increase in the number of labour carts, recklas and victorias licensed in 1897-98, but mainly to a restoration to the former rates of the wheel tax on these public conveyances which was specially reduced in 1896-97 in consideration of diminished earnings due to plague. The reason why the increase was not fully up to the estimate was a smaller revenue from the tax on private vehicles and animals in consequence of the plague.

The revenue from *Town Duties* shows the large excess of Rs. 3,06,280-4-9 over the year 1896-97 and is also in excess of the budget estimate by Rs. 38,424-1-1. But it must be remembered that Town Duty collections become net revenue only after all refunds of Duty on goods exported have been paid and that goods which have paid duty in one year may not claim refund till the year following, and as the importation of sugar into Bombay in the year of report appears to have been abnormally large and more so in the last three months of the year, it must be understood that a good portion of the excess will ultimately prove to have been only nominal.

Market Receipts were less than in 1896-97 by Rs. 29,265-10-1 and less also than the budget estimate by Rs. 40,462-4-3, the falling off being undoubtedly an effect of plague.

Under *Returns from other Property and Miscellaneous* there is a decrease of Rs. 63,860-14-9 as compared with the previous year, and of Rs. 40,591-0-7 as compared with the budget estimate. The decrease is due to loss of interest owing to a large reduction in the invested balances caused by the necessity of financing for plague expenditure and to the non-realization of the net premia which was expected on the 5¾ lakhs of the 15¾ Lakhs Loan which was to be raised in 1897-98, but was not raised in the unsatisfactory state of the money market.

7. Turning to the statement of expenditure, page 12, it is a significant fact bearing testimony to the defective manner, above alluded to, of framing the estimates that the expenditure has not come up to the budget estimate under thirteen out of the fourteen heads given in the statement and is in many cases very largely below the estimate, and on the whole falls short of it by the large sum of Rs. 9,44,341-8-10. Most of the heads, however, show an increase over the actuals of 1896-97.

Under *General Superintendence* an increase of Rs. 15,150-14-7 was due to the appointment of a Deputy Municipal Commissioner.

On *Public Works Ordinary*, the expenditure (Rs. 14,70,809-7-5) was more than two lakhs below the estimate, but in excess of the actuals of 1896-97 by Rs. 62,164-0-5, most of which is accounted for by the necessity of effecting heavy repairs to the Kasheli embankment, reconstructing a portion of the Tansa duct and maintaining new roads constructed by the Municipality and the Port Trust.

The expense of maintaining the *Public Health Department* amounted to Rs. 15,86,632-15-1, which is about 1¾ lakhs more than in the previous year. This large increase is mainly due to the more extensive arrangements which had to be made for the health and conservancy of the city. Deputy Health Officers and an extra Assistant Health Officer had to be employed and heavy expenditure was incurred on the Arthur Road Infectious Diseases Hospital in consequence of the relapsing fever epidemic.

Under *Municipal Debt* the expenditure amounted to Rs. 22,60,571-4-6, its excess over the figure for 1896-97 being above 2 lakhs. The increase is due partly to the payment of outstanding interest on different loans, partly to the paying off of a large amount of the Drainage Loan of 1878 and partly to payment of interest on, and the investment of Sinking Fund for, the first instalment of Rs. 10 lakhs of the 15¾ Lakhs Loan raised in December 1896.

Under *Police* the expenditure fell from Rs. 5,51,589 in 1896-97 to Rs. 5,00,000 in the year of report, it being more by Rs. 51,589 in the former year on account of the payment of arrear charges to Government in that year.

The payment of increased contribution towards Primary Education raised the expenditure under *Education* from Rs. 88,888-8-7 in 1896-97 to Rs. 1,02,623-10-8 in the year of report, an increase of Rs. 13,735-2-1.

The *Plague Expenses* incurred by the Municipality from revenue during the year amounted to Rs. 5,00,000. This was more than in 1896-97 by Rs. 62,944-15-11 and was of course exclusive of the large expenditure from loan funds and other balances to be referred to below, incurred by the Plague Committee and the Municipality. The amount will be hereafter adjusted by transfer to loan charges.

8. *Loan Works.*—The table given in para. 34 of the Commissioner's report shows that the expenditure incurred in the last five years on the principal loan works in progress aggregated Rs. 71,73,455-7-2. The amount of this expenditure in 1897-98 was Rs. 29,13,192-8-10, which is nearly three times the average of the previous four years. The bulk of it was plague expenditure amounting to Rs. 17,62,838-11-7, exclusive of the Rs. 5,00,000, referred to in para. 7 above, met from current revenue and Rs. 2,13,777-7-2 advanced to the Chairman, Plague Committee, and to certain Municipal officers and others. Rs. 4,87,335-1-0 were spent on sewerage works, and Rs. 1,20,639-12-8 on roads; while minor and other sanitary, &c., works absorbed Rs. 4,27,220-0-8, and the remainder was spent on markets and water works.

9. *Plague Expenditure.*—Up to the end of the year of report a total sum of Rs. 24,76,616-2-9 had been spent on plague operations, Rs. 13,26,116-2-9 having been spent directly by the Municipality in the 18 months ending 31st March 1898, and Rs. 11,50,500 in 12 months by the Plague

Committee. The details of this expenditure will be found in statements A and B given as Appendix 9 (pp. 234—239) of the Chief Accountant's Report. For financing plague charges a loan of 20 lakhs was arranged for from the Bank of Bombay, of which 12 lakhs were taken up in the year of report. Rs. 5,00,000 of the plague charges were paid from revenue and the remaining Rs. 19,76,616-2-9 from surplus, loan and other balances.

10. *Liabilities and Assets.*—The total Municipal debt on 31st March 1898 amounted to Rs. 4,11,20,497-12-9 against Rs. 3,84,91,027-15-5 at the close of 1896-97, being an increase of Rs. 26,29,469-13-4. The amount borrowed during the year was Rs. 27,00,000 taken as a temporary loan from the Bank of Bombay. The amount repaid during the year was Rs. 70,530-2-8 made up of Rs. 12,530-2-8 on account of the Vehar debt and Rs. 58,000 on account of the Drainage Loan of 1878. Adding to this other liabilities, the aggregate liabilities of the Municipality on 31st March 1898 were Rs. 4,16,54,268-11-4 against a total figure of assets made out at Rs. 5,66,61,883-12-10 showing an excess of assets over liabilities of Rs. 1,50,07,615-1-6, not an unsatisfactory condition of affairs if the accuracy of the figures was beyond question. But the Chief Accountant, while certain of the liabilities, doubts if the assets are all genuine and points out that booked values of some recently acquired properties have not been fixed, that the valuation of other properties is as old as 1883-84, that depreciation has not been charged off, and that in the stores account useless, obsolete and depreciated stores are entered at original values. The Commissioner will no doubt see to the remedying of such defects.

11. *Stores.*—The remarks of the Chief Accountant in paras. 57-59 of his report disclose a very unsatisfactory system of purchasing and accounting for stores, and the Standing Committee trust that the matter will be carefully enquired into by the Commissioner and the result placed before them at an early date with any proposals he may think suitable for ensuring the proper working and supervision of this department.

Assessment and Collection of Revenue.

12. *Registration of Properties.*—53,165 properties stood registered on the Assessment Book at the end of the year

under report against 52,959 at the end of the year before, being an increase of 206 properties. 40,685 of these properties, of the total value of Rs. 2,67,21,128, were assessed for the general tax, the remaining 12,480, valued at Rs. 27,61,677, were either exempt or compounded for on special terms or unproductive and untaxed. The total value of all these properties is recorded at Rs. 2,94,82,805, which is an increase of Rs. 5,55,187 over the previous year. 755 buildings were demolished, 351 new buildings erected, and 153 existing properties enlarged during the year.

13. *Property Taxes.*—The *General Tax* levied at 8½ per cent. on rateable values amounted to Rs. 17,94,227-6-5 against Rs. 17,55,849-8-1 in the previous year (increase Rs. 38,377-14-4). The compounded sums paid by Government and the Port Trustees were the same as in the year before, *viz.*, Rs. 98,374 and Rs. 1,52,482 respectively. The *Water Tax* demands fell from Rs. 14,54,547-12-11 in 1896-97 to Rs. 12,42,199-14-10 in the year of report, the decrease of Rs. 2,12,347 being due to the cause mentioned in para. 6 above. The *Halalkhore Tax* levied for special service was Rs. 14,467-14-6 less than in the previous year, owing to mills working short-handed by reason of plague, but the deficiency was more than made up for by increased levies of the tax on value, and, on the whole, there was a net increase of Rs. 1,048-3-5, the total demand for the year being Rs. 6,98,561-5-11.

14. *Tax on Vehicles and Animals.*—The diminished revenue from private conveyances has been referred to in para. 6 above. With reference to this the Assessor and Collector notes as follows :—

"I attribute the decrease to the fact of a large number of wheel-tax-paying inhabitants having left the City on account of plague; they took their vehicles and animals with them, and though many of the people returned themselves, left their carriages and horses behind, pending decision for final return. We will have to wait a year or so before this tax shows an increase."

15. *Appeals.*—There were only 9 appeals to the Chief Judge of the Court of Small Causes, Bombay, all against valuation of property. Two of these were withdrawn by the appellants, five settled by consent, and two dismissed.

Revenue Audit.

16. In the report of this department it is sufficient to notice the subject of Town Duties. These were, as usual, collected for the Municipality by the B. B. & C. I. and the G. I. P. Railway Companies and the Bombay Port Trustees. The rates being the same as in the previous year, the figures given below indicate a considerable increase in the collections, coupled with a small fall-off in the refunds, resulting in an additional revenue of Rs. 2,48,316-9-6.

	1896-97.	1897-98.
	Rs. a. p.	Rs. a. p.
Gross Revenue...	15,30,411 2 1	17,39,760 15 7
Refunds	7,86,771 1 0	7,37,804 5 0
Net Revenue ... ... Rs.	7,43,640 1 1	9,91,956 10 7

The increase was from every article which pays Town Duty, but by far the most considerable increase was from sugar, the very large imports of which can hardly all be to meet increased local demands, so that it may well be expected that some portion of the year's revenue may still disappear in the shape of refunds on exports in 1898.

Special Drainage.

17. *Unfinished Works.*—The progress of these is described below, the names of the works being printed in italics. The *Colaba Sewerage Works* were completed at a total cost of Rs 8,21,010-9-5, only Rs. 3,848-10-2 being spent in the year of report. On the *Umarkhadi Sewerage Works*, which were also completed, Rs. 61,871-9-11 were expended in the year, bringing up the total expenditure to Rs. 3,52,239-3-9. The *Parel Sewerage Works* (*gravitation portion*) were completed at a total cost of Rs. 62,081-1-5. The *Mazagon Sewerage Works* (*gravitation portion*) were very near completion, the total amount expended on them being Rs. 2,55,568-14-11 out of the sanctioned grant of Rs. 3,32,661. The *Malabar Hill and Khamballa Hill Sewerage Works* (*gravitation portion*) were completed by the Contractor, Mr. Sayaji Naguji, by the end of February 1897, which was three months within the contract period and the final

accounts were certified and passed in September 1897 at Rs. 1,08,552 for the total cost. The amount spent on *House Drainage Connections (street portions) in the Colaba District* was Rs. 6,866-8-9 on making 189 connections. The *Fergusson Road and Chinchpoogly Sewerage Works* were completed at a cost of Rs. 85,361-6-3, and the work of *Draining Storm-water from roads around Mahaluxmi Dhobiwada* at a cost of Rs. 1,156-0-3. The laying of a *9" Pipe drain for the carriage of storm-water to the sea from the southern part of Wodehouse Road* cost Rs. 1,992-1-3. A *12" Stoneware Pipe Sewer from the Emergency Reservoir at the Wellington Fountain to the Manhole in Apollo Street opposite the Dockyard* was laid at a cost of Rs. 3,189. It is satisfactory that the sanctioned grant was not exceeded in the case of any of the works completed. On the contrary, in most cases there were substantial savings.

18. *New Works.*—Among the principal new works completed were:—the Old Race Course sewerage works (gravitation portion); the improvement of road-side drains and provision of water gullies in the Khetwadi District; ovoiding side drains in Girgam Road and Pathan Street; storm-water drains in Rampart Row, Wodehouse Road, Lower Colaba Road, Thomas Street and the eastern foot of Wodehouse Bridge; and an arched mansonry drain between Gilder Lane and the B. B. & C. I. Railway. The actual cost of these works is not stated, as in most cases the final bills had not been passed before the end of the year, but it is not expected that in any case it will go beyond the sanctioned grants. The principal new works which were still in progress at the end of the year are:—a masonry drain from Girgam to Back Bay; a storm-water drain from the Wellington Fountain to the sea; and the improvement of road-side drains and water-courses in and about Dadar Road.

19. *Other Drainage Works.*—Arrangements were made during the year for starting the following important works sanctioned by the Corporation, the first of which is expected to be completed by the 31st March 1900:—

Machinery for the sewerage of the Parel, the Old Race Course, the Malabar Hill and Khambala Hill, the Elphinstone Reclamation and the Fergusson Road and Chinchpoogli Sectional Districts (on Shone system)	Rs. 8,77,625.
Mazagon District (Sectional)	„ 3,30,072
Total ...	Rs. 12,07,697

20. *The Colaba Air Compressor Station.*—This station and the ejector stations working in connection therewith worked satisfactorily during the year without any serious stoppage or breakdown. A population of only 15,000 is at present served by the Shone system, the cost being Rs. 1-4-0 per head, which would without doubt be diminished as the system extends.

ORDINARY DRAINAGE.

21. *The Love Grove Pumping Station* was maintained in a state of efficiency throughout the year at a total cost of Rs. 88,026-5-9, the Worthington engines continuing to give satisfaction. The Executive Engineer notes as remarkable the utter immunity from plague enjoyed by the men working at the station, in spite of some of them frequently coming into contact with the sewage which might be supposed to contain active bacilli.

22. *House Drainage Connections.*—The Executive Engineer reports that the existing house-connections of 98 premises in Mandvi District were put into proper working order at the expense of the house-owners. The drainage fittings of 107 houses in Mandvi and 259 other houses in other localities in which plague cases had occurred were treated at a cost to the owners of Rs. 50,059-0-6. The house drainage connections of 27 houses in Kalachowki Road were made, for which the owners had to pay Rs. 19,867-5-7. In 43 other houses in various parts of the City the sanitary arrangements were remodelled at a cost to the owners of Rs. 43,286-4-6. Besides the street portions of house drainage connections in Colaba executed by the Special Drainage Department, 614 connections were made in various parts of the City at a total cost of Rs. 44,390.

23. *Electrolized Sea-water.*—The plant for providing electrolized sea-water put up in 1896-97 at Carnac Bunder Night-soil Depôt at a cost of Rs. 23,800 was worked during some portion of the year of report, but without any decisive results, the Executive Engineer not being yet in a position to state conclusively how the fluid produced compares in efficiency and cost with other disinfectants. The cost of working and maintaining the plant up to the end of the year was Rs. 1,135-2-8.

24. *Wind Mill and Pump to lift Sub-soil Water.*—These were erected as an experiment at Kamathipura at a cost of Rs. 973-9-10, but so far have had no appreciable effect on the sub-soil water.

25. *Night-soil Depôts.*—The conversion of the Night-soil Depôt at Bhangi Mohola into a Receiving Depôt was completed on the 30th July 1897 at a cost of Rs. 2,953-3-0, and the conversion of the Haines Road Depôt is proceeding.

WATER WORKS.

26. *Tansa Lake.*—The rainfall in 1897 was 104·82 inches. In the two previous years it was 120·13 and 92·37 inches, respectively. After 35·38 inches of rain had been registered, the lake overflowed on 18th July and continued to overflow till the 24th of September. Between 1st October 1897 and 31st of March 1898 the storage of water in the lake above the lowest outlet was diminished from 18,559 millions of gallons to 12,396 millions, showing that 6,163 millions of gallons of water had been drawn off during the six months by supply, evaporation, absorption and leakage. This gives an average of 34·05 millions of gallons per diem. The average daily draw-off for eight months from October 1896 to May 1897 was 39·07 millions of gallons. The quantity of water which passed over the waste weir is estimated at 26,403 millions of gallons. The highest flood was 406·30 T.H.D. on the 8th August 1898. A sum of Rs. 62,115 was sanctioned by the Corporation for repairing the damage caused to the Kasheli Embankment by heavy rain in 1896, and the greater part of the work was finished before the end of the official year. This year also the annual inspection of, and repairs to, the duct could not be effected on account of the heavy demand for water for flushing purposes during the prevalence of plague. Neither was the supply interrupted any day on account of bursts in the 48-inch main, there having been not a single burst in that main during the year.

27. *Vehar Lake.*—The rainfall of 1897 was 97·56 inches. In 1896 and 1895 it was 109·81 and 82·81 inches, respectively. After 68·94 inches of rain and after receiving the Tulsi overflow the Vehar Lake overflowed on 8th August. The overflow ceased on October 7th. There were, on 1st October

1897, 11,425 millions of gallons of water in the lake, which was reduced by 31st March 1898 to 8,906 millions of gallons, the fall of 2,519 millions giving an average daily draw-off of 13·9 millions of gallons, without taking into account the 213 millions of gallons of water given to this lake in the year by the Tansa Lake. 4,287 millions of gallons of water are estimated to have passed over the waste weir.

28. *Tulsi Lake.*—Here the rainfall was 118·66 inches against 139·52 inches in 1896 and 100·40 inches in 1895.

The lake overflowed from 7th August to 9th October. The storage was 2,305·6 millions of gallons on 1st October : on 31st March it was 1,304 millions, that is 1,001 millions less, showing a reduction at the rate of 5·5 millions of gallons per diem. Between the 7th of August and 8th of October, 1,098 millions of gallons of water overflowed the Tulsi waste weir into Vehar. Since April 1896 an arrangement has been made with Government for the supervision of the Tulsi Gathering Ground Forest by their Forest Department.

29. *Pawai Lake.*—The lake is still not available owing to the cost of pumping. The water of this lake is highly charged with vegetable matter, and in the absence of ample filtering arrangements it is considered unsafe to mix it with Vehar and Tansa water.

30. *Reservoirs.*—Rs. 1,23,084-7-4 were spent during the year on covering the storage basin of the Bhandarwada Reservoir and constructing filters over it, but the work is still incomplete. The work of pointing the walls and plastering the floor of the storage reservoir with Indian patent stone was completed at a cost of Rs. 23,086-0-9. Rs. 29,626-0-5 were spent on certain improvements in the Malabar Hill Reservoir.

31. *Distribution and Maintenance.*—Owing to the prevalence of plague a large quantity of water was used for flushing the drains and gutters, and a large number (327) of house-connections were cut off with the object of rendering houses drier and less unhealthy, stand-pipes to the number of 246 being erected instead. 365 other services were disconnected on account of demolition of buildings, non-payment of rates, and other causes. 447 new connections were made,

bringing the total up to 19,815, being an increase for the year of ·5 per cent. 2,209 meters were in use at the end of the year or 162 more than in the previous year, and they registered a total consumption of 1,253,345,113 gallons. The executive are convinced that a large quantity of unmetered water is wantonly wasted by the people, and a Committee of the Corporation is now sitting to investigate the matter and to devise a remedy should the complaint prove to be well founded.

Streets and Buildings.

32. 1,129 applications for buildings were received, which were 132 fewer than in the previous year, a retardation no doubt due to the prevalence of plague. 4,635 notices were issued for compliance with various requisitions under the Municipal Act. These had to be followed up by summonses in 332 cases, of which 223 were withdrawn as the requirements were complied with. In 17 cases parties were convicted and fined in a total sum Rs. 225. 27 buildings or parts of buildings fell. Except in two cases where 5 persons were injured and one killed, there was no injury to life. Set-backs to the extent of 4,086·91 square yards were effected at a total cost of Rs. 1,27,215-1-9.

Roads and Footpaths.

33. A grant of Rs. 3,40,000 was provided in the Budget for repair and maintenance of roads. This was afterwards supplemented by a further grant of Rs. 16,500. Nearly the whole of this amount was spent, but owing to the increasing number of roads it was not practicable to keep the roads in satisfactory condition, and the Executive Engineer is of opinion that larger grants must be made if the roads are to be maintained as they should be. 19 new roads were made over by the Port Trust to the Municipality and 6 more constructed by the Municipality itself. Other roads were under construction. Rs. 1,20,180-10-11 were spent on road-watering, for which now hydrants are employed instead of bullock carts with more economy and with less inconvenience to traffic. In the latter part of the year, in deference to medical opinion that dampness was congenial to plague, road-watering was more or less suspended. 26,740 square yards of footpaths were paved at a cost of Rs. 13,550-6-3. No new tram lines were laid.

Municipal Estates.

34. Under Act IV of 1898 (the City of Bombay Improvement Act), the Agripada Estate admeasuring about 412,815 square yards, the Connaught Road Estate admeasuring about 59,550 square yards, and the Matunga Estate admeasuring about 298,376 square yards will pass from the Municipality to the City Improvement Trust. An account of these estates will be found at pages 318 and 319 of the Executive Engineer's Report.

Town Sweepings.

35. The question of the future disposal of town sweepings was practically settled during the year by sanction to a scheme for transporting them to the village of Devnur. An interesting account of the scheme and of the progress made by it will be found at pages 321 to 324 of Mr. Murzban's Report.

Public Lighting.

36. All the ordinary gas lamps of the City were converted into incandescent ones (numbering in all 3,828) at an expenditure of Rs. 2,08,476-5-8. In addition to these 1,777 kerosene oil lamps were used at a net cost of Rs. 27,634-14-5. The Electric Light Installation for the Municipal Office and the Crawford Markets worked fairly well during the year at a cost of Rs. 10,549-7-3.

Municipal Workshops.

37. The total value of the work done in the year by the Municipal Workshops was Rs. 1,30,562-0-8 inclusive of Rs. 32,890 for supervision charges at 35 per cent. The cost to the Workshops was Rs. 29,852-14-10, so that the net profit realized was only Rs. 1,141-3-4. The question in dispute with Government as to the ownership of the land occupied by the Workshops is still unsettled and delays many needed improvements.

Inspection of Insanitary Houses.

38. For this work, for which authority was received in Government Notification No. P.-228, dated the 10th February 1897, an additional establishment, costing Rs. 2,580 per mensem, was given to the Executive Engineer. 4,886

blocks of buildings, comprising 13,669 flats and containing 67,316 rooms were inspected, with the result that 441 blocks were selected for destruction and 4,370 for improvement. Notices for effecting the necessary improvements were issued in 741 cases, 55 houses were closed during the year, not having been improved as required; and 90 other houses incapable of improvement were caused to be vacated. 8 houses were destroyed and compensation paid for them, amounting to Rs. 10,290.

Public Gardens and Museum.

39. The nine Municipal Gardens were maintained during the year at a total cost of Rs. 55,898-8-6. Several improvements were made in the Victoria Gardens, and the other gardens were also kept up in a satisfactory condition, except the Northbrook and the Mahim Gardens which were given up for Plague Hospitals and Camps. The plague again affected the number of visitors to the gardens, which was less by about 300,000 persons than in the previous year. It is curious, however, that on the other hand about half a lakh more people visited the Victoria and Albert Museum than in the previous year.

Fire Brigade.

40. The establishment and appliances of this department were maintained during the year in a state of efficiency. The engine and men had to turn out to a total number of 102 calls to fires, of which 7 were false alarms, 74 were extinguished by Brigade appliances, and 42 were put out before the arrival of the Brigade. The water-supply at fires was satisfactory, and the attendance of the Water Works staff prompt and helpful.

Education.

41. The attendance in the Municipal Schools was reduced to about 25 per cent. of the normal average on account of the prevalence of Plague, and schools had to be temporarily closed from time to time when there was much plague in the neighbourhood. Owing to the reduced numbers the cost of teaching went up from Rs. 17 per head in 1896-97 to Rs. 33 per head in the year of report, although the total expenditure was only Rs. 1,22,542-13-1 in the year of report against Rs. 1,27,731-11-3 in the previous year. The number of

children under instruction in the Municipal and Aided Schools combined was 5,774 boys and 3,213 girls in the year of report against 9,152 boys and 3,998 girls in the previous year. Considering the adverse circumstances of the year, the teaching, though not up to the average of normal years, was on the whole not unsatisfactory, and a few schools were able to maintain their usual efficiency in spite of all drawbacks. 7 new schools were opened. 4 schools were registered under the grant-in-aid code and 14 removed from the register, most of them having ceased to exist by reason of plague. The Committee have made every endeavour for the proper housing of the schools and have started a building scheme which has, however, not yet proceeded beyond the initial stage.

Auditors' Report.

42. The reports presented by the Auditors, Messrs. N. R. Ranina and A. Thomson on the accounts of the Municipality and the Joint Schools Committee do not present any points for special notice.

License Department.

43. The department worked more successfully than in 1896-97, when, owing to the closing of many licensable shops, there was a falling-off of revenue. 5,750 licenses were issued, the previous year's figures being 5,130. The income, including Rs. 4,642 of outstandings for 1896-97, was Rs. 63,741-8-0, being more than the income of 1896-97 by Rs. 7,279 but less by Rs. 1,307 than that of 1895-96, when the licenses issued reached the high figure of 5,880.

Markets.

44. The total revenue for Markets and Slaughter-Houses was Rs. 3,74,002-2-0 against Rs. 3,95,440-13-6 in the preceding year, being a decrease of Rs. 21,438-11-6, due to a falling-off in the fair ground rent and feeding fees at Bandora and in market fees, and also to an abatement of one month's rent in the first quarter of the year, amounting to Rs. 9,192, allowed to stall-holders in consideration of the depressed condition of trade due to plague. The loss was, to some extent, counterbalanced by high bids for the pens at the DeLisle Road Sheet Market and the stalls in the new Bhuleshwar Market (completed and occupied from 1st May 1897).

45. The fruit and vegetable supply was plentiful and cheap, and the beef and mutton supply fairly good. The period was a trying one for the market establishment, but the results obtained were nevertheless satisfactory.

Public Health.

46. The Report of the Health Officer derives more than ordinary importance from the fact that it deals with a year of unusual unhealthiness and unprecedented mortality. Plague prevailed with greater intensity and carried off the population in larger numbers than in the previous year, and for a portion of the year an epidemic of cholera also caused serious anxiety. The Health Officer divides the course of the plague epidemic into five periods or five separate epidemics, the last two of which fell in the year of report. The first of these is described as "commencing in the second week of July 1897 and reaching its maximum in the second week of August and declining till it reached its minimum in the middle of November." The second is stated to have commenced in the second week of December, "gradually developing into the great epidemic with slighter repressions than in the previous years till on the 9th of February 1898 a mortality of 347 was reached, followed by a series of repressions and fluctuations till on the 16th March the mortality rose to 358, and again on the 18th to the same number, from which period the mortality commenced to decline in irregular curves." Whatever the scientific value of this division, it serves to indicate the progress of the pestilence from month to month, showing how it rose, how it abated, and how it declined. Various matters of great importance to public health are discussed in Dr. Weir's report, the circumstances combining to produce conditions favourable to disease are carefully investigated, a deal of useful information in connection with plague is collected together, valuable statistics are tabled, and weighty suggestions made.

47. As a consequence of famine and plague, much destitution prevailed among the local inhabitants. There was also a considerable influx of sickly, famine-stricken people from the Mofussil. A large mass of the population was therefore in a state very susceptible to disease. Added to this the rainfall of the year and of the year before was, in the Health Officer's opinion, most unfavourable to health condi-

tions. It was distributed over a shorter period than usual, and as it fell continuously the ground remained saturated and sodden for a long time after. From the middle of July cholera contributed to raise the general mortality. The low-lying and undrained districts of Kamathipura, Byculla, Parel and Mahim suffered most. The deaths from this disease were 1,265, being 775 more than in 1896 and giving a death-rate of 1·54 per mille. There were 11,003 deaths registered as from plague against 1,936 in 1896, giving a death-rate of 13·39 per mille. Small-pox and measles had between them. death-rate of ·5. To fevers 6,951 deaths were ascribed against 8,776 in 1896. Against diseases of the respiratory system are put down 7,857 deaths, the previous year's number being 5,334. 5,927 persons died of phthisis against 4,809 in 1896. The total mortality of the year was 47,896, giving a death-rate of 58·28 per mille against 33,451 in 1896, which produced a death-rate of 40·71 per mille. In 1895 before the appearance of plague, when Bombay enjoyed the reputation of being more healthy than any large city in India and when the chances of life in it were considered better than in many European towns, the mortality was only 25,081 and the death-rate 30·52 per mille.

48. 9,336 living and 1,368 still-born births were registered, being 6,554 less than in 1896 and 6,548 less than in 1895. Of the living births, 4,903 were males and 4,433 females. The birth-rate per thousand of population was 11·36.

49. The work of the department, of the cost and proportions of which the figures given below furnish an idea, proceeded with regularity throughout the year, heavily though its resources were taxed. The total ordinary expenditure in 1897-98 was Rs. 14,16,347-3-4 against Rs. 12,53,290-12-6 in 1896. Its income amounted to Rs. 8,29,721-0-0 against Rs. 7,84,830-6-0 in the previous year. The extraordinary expenditure of the department on account of special sanitary measures in connection with the epidemic of plague was Rs. 5,97,002-2-8 in 1897-98 against Rs. 2,18,239-7-8 in the preceding year. On an average 4,505 men and women and 1,016 scavengering and drain carts and 208 night-soil cesspool carts were at work. 404,285 tons of garbage giving an average of 1,108 tons a day were collected, removed and disposed of against 326,552 tons in 1896. 156,057 tons of night-soil cesspool matter, equal to 428

tons a day, were collected and removed against 160,670 tons in the year before. 174 miles of covered drains were opened and cleaned against 192 miles in 1896. 37,057 cart-loads of cutchra were burnt at the Garlick Incinerator in 298 working days.

MR. SNOW.

50. In conclusion, the Standing Committee desire to place on record their appreciation of the smooth and satisfactory manner in which the very onerous duties of Municipal Commissioner were discharged by Mr. P. C. H. Snow, I.C.S., C.I.E., during the three years he held that post, two of which were years of extraordinary trouble and anxiety.

In accordance with the terms of Section 124 (3) of the Bombay Municipal Act 3 of 1888, the Standing Committee direct that all the printed appendices attached to the reports of the several heads of departments, as received from the Commissioner, be circulated with his report for the information of the Corporation.

The foregoing Review and the Compilation referred to therein are circulated to Municipal Councillors as directed by Section 124 (3) *of the Act as above.*

IBRAHIM RAHIMTOOLA,
Chairman of the Standing Committee.

26*th October* 1898.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1897-98.

Introductory.

Mr. P. C. H. Snow was Municipal Commissioner throughout the year.

2. The services of Mr. J. H. DuBoulay, which were placed at the disposal of the Corporation by Government for six months from the 3rd March 1897, were made available for a further period of six months.

3. Below are summarized some of the principal features of the year.

The Colaba and Umarkhari Sewerage Works and Fergusson Road and Chinchpogly Sewerage Works (gravitation portion) have all been completed.

The Shone system of drainage worked uniformly well at Colaba. The Corporation have sanctioned the sewerage of Mazagon on the Shone system and the work is in progress.

The Worthington Engines at Love Grove which have now been working for nearly five years continued to work satisfactorily.

House connections and sanitary improvements at some houses in Mandvi, Kala Chowkey Road, Modi Street, Lalwadi and in other parts of the city were carried out at the owners' expense.

The plant for providing electrolized sea-water was started and experiments are being made.

There was no burst on the 48" Tansa Main and the supply of water into the city was therefore not interrupted.

The Bhuleshwar market and schools were completed, as also the Sankli Tank Fire Brigade Station.

The Tramway Company doubled the track along Girgaum Road from the Portuguese Church to the Money School admeasuring 524 feet. The doubled tram lines along Frere Road and from Pydhownee to Grant Road terminus were renewed.

The conversion of all the ordinary gas lamps into incandescent ones was completed.

4. The health of the city was bad during the year. The plague, which broke out in 1896, continued in epidemic form till the end of April 1897, and was virulent in the latter part of the year. The mortality was heavy, and a large proportion of the population fled from the city as in the previous year, with the result that business was for a time paralysed.

5. The behaviour of the establishment was excellent during these trying periods. All Heads of Departments

deserve special credit for the way they kept their men together and uninterruptedly disposed of their heavy routine and special duties during these anxious times.

I. Corporation and Standing Committee.

THE CORPORATION.

6. Mr. George Cotton (afterwards Sir George Cotton, Kt.) was elected President of the Corporation at the meeting of the 5th April 1897, and held that appointment until the 31st March 1898.

7. Forty-eight meetings of the Corporation, three meetings of the Committee of the whole Corporation, and thirty-two meetings of Committees of the Corporation were held.

8. The changes in the *personnel* of the Corporation were as follows :—

Sir George Cotton left for England on 9th July 1897 without vacating his seat and returned on 4th December 1897.

The Hon'ble Mr. Abdalla M. Dharamsi died on the 10th September 1897, and in his place Mr. Mahomedbhoy Currimbhoy Ibrahim was elected by Ratepayers on 8th October 1897.

Mr. Bomanji P. Master died on the 10th June 1897, and in his place Mr. Dinsha B. Master was elected by the Justices on 18th July 1897.

The Hon'ble Mr. Daji Abaji Khare was elected by the Justices on 23rd April 1897, in place of Mr. W. R. Hamilton resigned on 15th March preceding. Mr. Khare left for Europe on 2nd October without vacating his seat and returned on 26th December 1897.

Mr. Dinsha E. Wacha left for England on the 20th February 1897 without vacating his seat and returned on 30th July 1897.

Mr. H. I. B. Hargrave left for Europe on 20th August without vacating his seat and returned on 21st November 1897.

Mr. Jamsetji Cursetji Jamsetji left for England on 15th May 1897 without vacating his seat and returned on 17th July 1897.

Sir Jamsetjee Jejeebhoy left for England on 1st May 1897 without vacating his seat and returned on 18th October 1897.

The Hon'ble Mr. Javerilal U. Yajnik died on 8th May 1897, and in his place Mr. Cowasjee Pestonjee was elected by the Justices on 11th June 1897. Mr. Cowasjee Pestonjee was granted six months' leave of absence (as per Corporation's Resolution No. 4282, dated the 5th August 1897) on account of his proceeding to Paris.

Rai Bahadur Luchmon Singh died on 9th June 1897, and in his place Mr. Vassonji Khimji was appointed by Government on 5th July 1897.

Mr. G. Lund left for England on 1st May 1897 without vacating his seat and returned on 2nd October 1897.

Mr. Mir Aun Ali was elected by Ratepayers on 5th June 1897 in place of Mr. Harkisondas, retired.

Mr. Nowrosji N. Wadia, C.I.E., left for England on 23rd July 1897 without vacating his seat and returned on 28th January 1898.

The Hon'ble Mr. P. M. Mehta left for England on 15th May 1897 without vacating his seat and returned on 12th February 1898.

Mr. B. Phillips left for Europe on 20th August 1897 without vacating his seat and had not returned before the end of the year.

Mr. P. B. Savile resigned on 26th April 1897, and in his place Mr. H. O. Campbell was elected by the Chamber of Commerce on 28th June 1897.

Mr. R. H. Vincent, C.I.E., resigned on 5th August 1897, and Mr. Kalabhai Lalubhai was elected by the Justices on 3rd September 1897. Mr. Vincent was re-appointed by Government on the 9th March 1898 in place of Mr. Gell, resigned.

Commander Wilson resigned on 24th September 1897, and in his place Commander Finny was appointed by Government on 7th October 1897.

THE STANDING COMMITTEE.

9. Mr. (afterwards the Hon'ble Mr.) Bhalchandra Krishna Bhatwadekar was appointed Chairman of the Standing Committee at the meeting held on the 7th April 1897, and held that appointment throughout the year.

10. There were sixty-one meetings of the Standing Committee and eight meetings of Sub-Committees thereof.

11. There were one hundred and fourteen attendances for cheque signing and forty-seven for the audit of the weekly statements of accounts ; two other attendances for audit were fixed but not held.

12. The changes in the *personnel* of the Committee were as follows :—

The Hon'ble Mr. Abdalla M. Dharamsi died on 10th September 1897, and in his place Dr. K. N. Bahadurji was elected by the Corporation on 7th October 1897.

Mr. H. G. Gell was appointed by Government on 10th August 1897 in place of Mr. R. H. Vincent, resigned. Mr. Gell resigned on 28th February 1898, and Mr. Vincent was re-appointed by Government in his place.

13. The following is a list of the Municipal Councillors who held office on 31st March 1898 :—

SIR GEORGE COTTON, K.T., J. P., *C.C., President.*

ARDASIR FRAMJI UNWALLA, Esq., B.A., J. P. *R* (G Ward)
BADRUDIN BIN ABDULA KUR, Esq., J. P. *R* (C Ward)
BHAGWANDAS NARROTAMDAS, Esq., J. P. *R* (F Ward)
BHALCHANDRA KRISHNA BHATAWADEKAR, THE HON'BLE MR., L.M., J. P. *R* (D Ward) Chairman, Standing Committee.
BYRAMJEE NUSSERWANJEE SERVAI, Esq., J. P. *J.*
CAMPBELL, H. O., Esq., *C. C.*
COWASJEE HORMUSJEE, Esq., G.G.M.C., J.P. *R* (C Ward)
COWASJI PESTONJI, Esq., G. G. M. C., J. P. *J.*
CUFFE, T. W., Esq., J. P. *G.*
DAJI ABAJI KHARE, THE HON'BLE MR., B.A., LL.B., J. P. *J.*
DARASHAH RATANJI CHICHGAR, Esq., J. P. *J.*
D'MONTE, DOMINICK A., Esq., M.D., L.R.C.P. (London), L.M. & S., J. P. *R* (G Ward)
DHAKJI KASHINATHJI, RAO BAHADUR, J. P. *R* (C Ward)
DINSHA B. MASTER, Esq., J. P. *J.*
DINSHA EDULJI WACHA, Esq., J. P. *R* (A Ward)
EDGELOW, F., Esq., J. P. *G.*
ELAPPA BALARAM, RAO SAHEB, J. P. *G*
FARDUNJI NASARWANJI BISNI, Esq., L.M. & S., *R* (E Ward)
FAZALBHAI JUMABHAI LALJI, Esq., *R* (B Ward)
FAZULBHOY VISRAM, THE HON'BLE MR., C.I.E., J. P. *G.*
FINNY, T. G. R., COMMANDER, *G.*
GOOLAM HOOSEIN ALLANA, Esq. *R* (B Ward)
HARGRAVE, H. I. B., Esq., M. A., M. INST. C.E., J. P. *G*
HARI SITARAM DIKSHIT, Esq., *R* (D Ward)
HASAMBHAI VISRAM, Esq., J P. *J.*
HEWETT, CHARLES STONE, Esq., *R* (E Ward)
HORMUSJI CURSETJI COORLAWALLA, Esq., J. P. *J.*
HUGHES, W. C., THE HON'BLE MR., M.I.C.E., J. P. *G.*
IBRAHIM RAHIMTOOLA, Esq., J. P. *R* (B Ward)
ISMAIL JAN MAHOMED, Esq., L.M. & S., J. P. *R* (B Ward)
JAGMOHANDAS VANDRAWANDAS BHAISETT, Esq., J. P. *R* (C Ward)
JAMSETJI C. JAMSETJI, Esq., J. P. *J.*
SIR JAMSETJEE JEJEEBHOY, BART., C.S.I., J. P. *G.*
JAMSEDJI KHARSEDJI KAMA, Esq., J. P. *J.*
JAYA KARADI LINGU, Esq. *R* (E Ward)
JIJIBHOY FRAMJI PETIT, Esq. *R* (D Ward)
KAIKHOSRU NASARWANJI BAHADURJI, Esq., M.D., B.A., M.R.C.S. *R* (C Ward)
KAIKHOSRO NOWROJI KABRAJI, Esq., J. P. *J.*
KALABHAI LALUBHAI, Esq., J. P. *J.*
KALIANDAS KESHAVDAS, Esq., B.A., *R* (A Ward)
KAVASJI EDALJI DADACHANJI, Esq., L.M. & S. *R* (D Ward)
K. M. SHROFF, Esq., *J.* P. *R* (A Ward)
KHARSEDJI NASARWANJI WADYA, Esq. *R* (F Ward)
LUND, *G.*, Esq., *G*
MAHOMEDBHOY CURRIMBHOY, Esq., *R* (B Ward)
MANEKSHAH J. TALYARKHAN, Esq., B.A., LL.B., J. P. *U*
MILLS, J., VET.-MAJOR. *G*
MIR AUN ALI, Esq., BAR.-AT-LAW, *R* (A Ward)
MIRZA HUSSEIN KHAN, Esq., J. P. *G.*
MULJI BHOVANIDASS BARBHAYA, Esq., J. P. *G*
MULLER, O. V., PROF., M.A. *U*
NANABHAI NAVROJI KATRAK, Esq., L.M. & S., J. P. *R* (A Ward)
NOWROSJEE JEHANGIR GAMADIA, Esq., J. P. *R* (A Ward)
NOWROJI NUSSERWANJEE WADIA, Esq., C.I.E., J. P. *G*
PESTONJI NASSARWANJI WADIA, Esq., J. P. *J*
PHEROZESHAH M. MEHTA, THE HON'BLE MR., C.I.E., J. P. *J*
PHILLIPS, B., Esq. F.C.S. *G*
RAHIMTULLA KHAIRAZ, Esq., J. P. *R* (B Ward)
RAHIMTULLA MOHAMED SAYANI, THE HON'BLE MR., M.A., LL. B., J. P. *J*
ROUGHTON, G. W., Esq., A.D.C., J. P. *J*
SORABJI KHARSETJI DHONDI, Esq. *R* (E Ward)
SUNDERNATH D. KHOTE, Esq. *R* (D Ward)
TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq., J. P. *R* (C Ward)
TRIBHOWANDAS VARJIWANDAS, Esq., J. P. (C. Ward).
UNDERWOOD, C.H. F., Esq., M.D., B.C.S.E., *R* (C Ward)
UNDERWOOD, EDWARD, F., Esq., M.A., M.D., F. R. M. S., F.M.S., J. P. *J.*
VASANJI KHIMJI, Esq., *G.*
VIEGAS, ACCACIO GABRIEL, Esq., L.M. & S. *R* (B Ward).
VINCENT, R. H., Esq., C.I.E., J. P. *G.*
VITHALRAO KRISHNAJI VANDEKAR, RAO SAHEB, J. P. *R* (B Ward)
HAJEE YOOSOF HAJEE ESMAIL, Esq., *R* (E Ward)

NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; *C C*, by the Chamber of Commerce; *U*, by the University; and *G*, appointed by Government.

II. Heads of Departments.

14. Mr. H. W. Barrow, the Municipal Secretary, was on privilege leave for one month from 29th November 1897 to 28th December 1897, and Mr. L. W. Michael, the Third Assistant Assessor, acted for him during the period.

15. Surgn.-Lieut.-Colonel T. S. Weir, whose services were temporarily placed at the disposal of the Plague Committee on 8th March 1897,. reverted to his appointment on 1st June 1897. He was on privilege leave from 17th October 1897 to 14th January 1898. During the above period Mr. J. Leask, Assistant Health Officer, acted for him.

16. Mr. H. Newton, the Acting Deputy Excutive Engineer, Water Works, died on the 27th July 1897, and Mr. N. D. Bhada, Assistant Engineer, Water Works, was provisionally appointed Acting Deputy Executive Engineer, Water Works, and held the appointment from 28th July 1897 to 16th December 1897. Mr. A. F. Bruce was appointed Acting Deputy Executive Engineer, Water Works, on 20th November 1897, and took charge of his duties on 17th December 1897.

17. Mr. Sorabji Navroji Cooper, the Chief Accountant, died on 8th July 1897. Mr. Manekshah Cawashah, Deputy Accountant, was provisionally appointed Acting Chief Accountant on 9th July 1897 and continued to act in the appointment up to 15th September 1897. Mr. W. E. Waite was appointed Chief Accountant on the 16th September 1897.

18. The services of Mr. C. C. James, the Acting Deputy Executive Engineer, Drainage, transferred to the Plague Committee on 2nd March 1897 were continued on the

Committee, and Mr. J. W. Smith, the Special Drainage Engineer, continued in charge of the Drainage Branch in addition to his own duties.

19. The regrettable death of Messrs. Sorabji Navroji Cooper and Howard Newton deprived the Municipality of the services of two deserving and valued officers.

III. Financial.

20. The income and expenditure and the opening and closing balance of the year were as under :—

	Rs.	a.	p.
Opening balance, including recoverable advances, reserve stock, &c., and excluding deposits, unexpended loan balances and minor adjustment items (*vide* pages 10 and 97 of the Report for 1896-97)...	29,76,552	15	10
Revenue (*vide* pages 11 and 74)	71,45,560	8	5
Total available for expense ...	1,01,22,113	8	3
Spent during the year (*vide* pages 12 and 93)	74,96,969	2	10
Balance.....	26,25,144	5	

21. The opening balance included Rs. 9,01,840-12-0 advanced for reserve stock and Rs. 6,71,162-7-11 on account of lapsed grants for 1896-97 and previous years renewed during the year. Excluding these items, the net opening balance amounted to Rs. 14,03,549-11-5 or Rs. 6,21,450-4-7 less than the Budget estimate. This deficit was duly provided for while estimating the opening balance for 1898-99 (*vide* Introductory Remarks on page i. of the Budget Estimate for that year).

22. Against the Budget Estimate of Rs. 67,90,100 the total income for the year amounted to Rs. 67,08,505-8-4 excluding a rebate of Rs. 4,37,055-0-1 to current revenue on account of plague expenses met from revenue in 1896-97. There was thus a net decrease of Rs. 81,594-7-8 on the estimate.

23. Including the above rebate the total income amounted to Rs. 71,45,560-1-5, showing an increase of Rs. 3,55,460-8-5 over the estimate. Of this increase a sum of Rs. 2,98,055-0-1 has been taken credit for while preparing the Budget Estimate for 1898-99. The unanticipated excess income for the year thus amounts to Rs. 57,405-8-4.

24. As compared with the year 1896-97, the income (excluding the rebate of Rs. 4,37,055-0-1 on account of plague expenses) for the year 1897-98 shows an improvement of Rs. 4,99,527-13-2.

25. This increase was due partly to the recovery of large outstandings for 1896-97 and partly to a large increase in the receipts from Town Duties.

26. The total grants sanctioned for expenditure during the year aggregated Rs. 84,41,310-11-8, as under :—

	Rs.	a.	p.
Originally sanctioned in the Budget	69,19,495	0	0
Lapsed grants for 1896-97 renewed in 1897-98 ...	5,68,803	10	8
Do. for 1895-96 and previous years re-sanctioned by the Corporation in 1897-98	1,02,358	13	3
Additional grants sanctioned (Rs. 8,48,354-15-1 + Rs. 2,298-4-8)	8,50,653	3	9
Total sanctioned (*vide* page 12) ...	84,41,310	11	8
Deduct—Spent (*vide* pages 12 and 93)	74,96,969	2	10
Balance (expenditure less than sanctioned, *vide* page 12)	9,44,341	8	10

27. Of the above unexpended balance, a sum of Rs. 5,83,509-8-1 is, according to the usual practice, required to be renewed in 1898-99 to defray the cost of works not completed in 1897-98 and to provide for works sanctioned but not yet taken in hand. The net savings therefore amounted to Rs. 3,60,832 0-9, of which Rs. 1,84,000 have been taken credit for while preparing the Budget Estimate for 1898-99. This leaves a net unappropriated saving of Rs. 1,76,832-0-9.

28. Out of the closing balance of Rs. 26,25,144-5-5 shown in para. 20 *ante*, the amount actually available at the end of the year for further requirements was Rs. 2,25,501-12-11 as shown below :—

	Rs.	a.	p.
Closing balance as shown in para 20	26,25,144	5	5
Less—Lapsed grants for 1897-98 and previous years to be renewed in 1898-99. Rs. 5,83,509 8 1			
Value of reserve stock „ 9,03,586 11 9	14,87,096		
	11,38,048		
Less—Net advance made up to 1897-98 for purchase of frontage land on the Agripada Estate, &c., which cannot now be treated as a recoverable asset for the reasons stated by the Chief Accountant...	8,12,546	4	
	3,25,501	12	
Less—Minimum cash balance required by the Act...	1,00,000	0	
Net balance as shown at page 105 of the Chief Accountant's report	Rs. 2,25,501	12	

29. The expenditure for 1897-98 as compared with that for the preceding year shows an increase of Rs. 4,92,226-8-11 principally under Municipal Debt and Public Health Department.

30. The following tables A and B exhibit the main heads of Revenue and Expenditure as compared with the Budget Estimates for 1897-98 and the Actuals for the preceding year :—

[redacted] E.

Items.	Actuals for 1896-97.	Estimate for 1897-98.	Actuals for 1897-98.	Actuals for 1897-98 as compared with actuals for 1896-97.		Actuals for 1897-98 as compared with estimates for 1897-98.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Property Taxes—							
General Tax	18,54,966 5 0	19,42,000	20,56,286 1 11	2,01,319 13 11	.....	1,14,286 1 11	.....
Water Tax and other Miscellaneous Water Works Revenue.	13,98,410 0 2	14,67,000	13,29,851 15 7	.....	68,558 0 7	.....	1,37,148 0 5
Halalkhor Tax, including receipts for special service ...	6,88,485 11 11	7,06,000	7,35,485 4 7	46,999 8 8	.....	29,485 4 7	.....
Wheel Tax and Toll Fees ...	2,46,681 5 6	3,74,500	3,46,837 15 3	1,00,156 9 9	.....	.....	27,662 0 9
Town Duties	6,45,143 12 4	9,13,000	9,51,424 1 1	3,06,280 4 9	.....	38,424 1 1	.....
Receipts from Government for Liquor Licenses and Tobacco Duty	3,26,617 4 3	3,51,000	3,33,073 6 9	6,456 2 6	.....	.....	17,926 9 3
Market Receipts	3,76,803 5 10	3,88,000	3,47,537 11 9	.....	29,265 10 1	.....	40,462 4 3
Returns from other Property and Miscellaneous	6,71,869 14 2	6,48,600	6,08,008 15 5	.....	63,860 14 9	.....	40,591 0 7
Total ...	62,08,977 11 2	67,90,100	67,08,505 8 4	6,61,212 6 7	1,61,684 9 5	1,82,195 7 7	2,63,789 15 3
Rebate to current Revenue on account of plague expenses paid from revenue in 1896-97 ...	.....	.....	4,37,055 0 1	4,37,055 0 1	.....	4,37,055 0 1	.....
Total ...	62,08,977 11 2	67,90,100	71,45,560 8 5	10,98,267 6 8	1,61,684 9 5	6,19,250 7 8	2,63,789 15 3
			Deduct—Less ...	1,61,684 9 5		2,63,789 15 3	
				9,36,582 13 3		3,55,460 8 5	

B

EXPENDITURE.

Charges debitable to current revenue exclusive of advances and other adjustment items.	Actuals for 1896-97.	Estimate for 1897-98.	Actuals for 1897-98.	Actuals for 1897-98 as compared with the actuals for 1896-97.		Actuals for 1897-98 as compared with the estimates for 1897-98.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	1,99,640 14 10	2,45,031 4 8	2,14,791 13 5	15,150 14 7	.....	...	30,239 7 3
Assessment and Collection Department.	2,48,159 1 5	2,64,324 5 10	2,50,487 3 6	2,328 7 1	.....	...	13,836 13 4
Fire Brigade	1,07,653 13 0	1,28,785 15 1	1,18,607 12 0	10,953 15 0	.....	...	10,278 3 1
Public Gardens	60,312 2 8	1,19,585 12 9	71,446 12 0	11,134 9 4	.....	...	48,139 0 9
Public Works, Ordinary	14,08,645 7 0	16,73,272 13 3	14,70,809 7 5	62,164 0 5	.....	...	2,02,463 5 10
Do. New	1,47,003 5 9	2,86,022 14 4	1,39,577 4 7	.....	7,426 1 2	...	1,46,445 9 9
Public Health Department	14,09,867 0 2	17,37,441 9 3	15,86,632 15 1	1,76,765 14 11	.....	...	1,50,808 10 3
Municipal Debt	20,56,121 14 0	25,19,388 4 0	22,60,571 4 6	2,04,449 6 6	.....	...	2,58,816 15 6
Police	5,51,589 0 0	5,00,584 0 0	5,00,000 0 0	.....	51,589 0 0	...	584 0 0
Education	88,888 8 7	1,11,425 6 0	1,02,623 10 8	13,735 2 1	.....	...	8,801 11 4
Hospitals and Dispensaries	53,101 0 7	57,000 0 0	54,333 8 2	1,132 7 7	.....	...	2,766 7 10
Pensions, Gratuities and Compassionate Allowances	58,600 13 0	76,932 15 7	70,096 0 7	11,495 4 7	.....	..	6,836 15 0
Plague Expenses.....	4,37,055 0 1	5,00,000 0 0	5,00,000 0 0	62,944 15 11	.....	...	.....
Miscellaneous	1,78,104 9 10	2,21,515 6 11	1,57,191 1 11	.....	30,913 7 11	...	64,324 5 0
Total ... Rs.	70,04,742 9 11	84,41,310 11 8	74,96,969 2 10	5,73,155 2 0	79,938 9 1	...	9,44,341 8 10
				79,938 9 1			
				4,92,296 8 11			
Loan Works ..... Rs.	7,14,854 6 10		29,13,192 8 10				
			1,04,10,161 11 8				

12

31. The Chief Accountant has fully shown in his report the causes of the variations between the original budget and revised estimates and the actuals of the income and expenditure for the year.

32. It now remains to be shown to what causes can be attributed the variations between the actuals of the year under report and those of the preceding year. The reasons of the increases and decreases are briefly explained below :—

INCOME STATEMENT **A.**

General Tax.—The increase of Rs. 2,01,319-12-11 during the year was due partly to the recovery of a larger amount of outstandings at the close of 1896-97 and partly to an expansion in revenue.

Water Tax and other Miscelleneous Water Works Revenue.—The change in the system of charging for water supplied by meter measurement sanctioned in Standing Committee's Resolution No. 1644 dated 12th May 1897, accounts for the decrease of Rs. 68,558-0-7. The decrease would have been considerably greater, had it not been for the recovery during the year of the very large oustandings the close of 1896-97.

Halalkhore Tax.—The increase of Rs. 46,999-8-8 was solely due to a reduction in the amount of the outstandings of this tax.

Wheel Tax and Tolls.—The increase of Rs.1,00,156-9-9 was made up as under :—

	Rs.	a.	p.	Rs.	a.	p.
Public Conveyances				1,09,538	14	0
Less—Decreases—						
Private Conveyances ...	8,008	14	3			
Tolls	1,373	6	0			
				9,382	4	3
Net Increase ... ...Rs.				1,00,156	9	9

The increase under public conveyances was due to a restoration of the former rates of wheel tax on victorias, reclas, and labour carts, which were specially reduced in 1896-97 in consequence of the slackness of trade caused by the plague. There was also an increase in the number of labour carts, reclas and victorias licensed in 1897-98.

Town Duties.—The increase of Rs. 3,06,280-4-9 was due partly to larger imports of sugar during 1897-98, partly to heavier refunds in 1896-97, and partly to the serious exodus that took place from Bombay in 1896-97 in consequence of the plague.

Market Receipts.—The decrease of Rs. 29,265-10-1 was entirely under stall rents, squatters' fees through contractors, and fair ground and feeding fees.

Returns from other Property and Miscellaneous.—The decrease of Rs. 63,860-14-9 was entirely under interest and profit on investments of surplus loan and other balances, due to a large reduction in our invested balances.

Expenditure Statement B.

General Superintendence.—The increase of Rs. 15,150-14-7 is due to the payment of the salary of the Deputy Commissioner who was appointed on 3rd March 1897.

Assessment and Collection Department.—The employment of additional staff in the Property and Wheel Tax and Licensing Departments, as sanctioned in the Budget, and the payment of sanctioned increments to certain members those departments, account for the increase of Rs. 2,328-7-

Fire Brigade.—The increase of Rs. 10,853-15-0 was unde repairs to fire stations and engines, telephone connec tions, feed of horses, contingencies, clothing and interes payable on debentures of the 4½ Lakhs Fire Brigade Loan.

Public Gardens.—Owing to the construction of animal keeper's quarters, storm-water drain, clerks' office room, &c. in the Victoria Gardens, there was an increased expenditure of Rs. 11,134-9-4.

Public Works, Ordinary.—The increase of Rs. 62,164-0-5 was under Water Works and Road Repairs. The increase under the former head is principally due to heavy repairs to the Kasheli embankment and to the reconstruction of a portion of the Tansa Duct; under the latter, to some portion of the road repairs work, which had to be suspended in 1896-97 for want of coolies and artisans during the plague scare, having been carried out during the year under report and to the maintenance of new roads constructed by the Municipality and the Port Trustees.

Public Works, New.—The decrease of Rs. 7,426-1-2 is due to heavy expenditure in 1896-97 on the conversion of gas lamps into incandescent lights.

Public Health Department.—The large increase of Rs. 1,76,765-14-11 is due to the heavy rates paid for food stuffs, to the employment of Deputy Health Officers and the extra Assistant Health Officer and generally to more efficient arrangements made for the conservancy of the city. Heavy expenditure was also incurred on the Arthur Road Infectious Diseases Hospital in consequence of the relapsing fever epidemic.

Municipal Debt.—The increase of Rs. 2,04,449-6-6 is due partly to the payment of a large amount of outstanding interest on our different loans, partly to the payment of the interest and the investment of the sinking fund instalment on the first instalment of Rs. 10 lakhs of the 15¾ lakhs loan raised in December 1896, and partly to a larger amount of debentures of the Drainage Loan of 1878 having been paid off in 1897-98.

Police.—The payment of arrears of Police charges to Government in 1896-97 explains the decrease of Rs. 51,589.

Education.—The increase of Rs. 13,735-2-1 was almost entirely due to the payment of increased contribution towards Primary Education.

Hospitals and Dispensaries.—The unexpended balance of the Municipal contribution towards the Goculdas Tejpal Hospital, refunded by Government in 1897-98, being less than that refunded in 1896-97 caused an increased expenditure of Rs. 1,132-7-7.

Pensions, Gratuities and Compassionate Allowances.—The increase of Rs. 11,495-4-7 is due to the payment of a larger amount of compassionate allowances to the widows and children of Municipal Officers and servants who died during the year under report.

Plague Expenses.—The increase of Rs. 62,944-15-11 does not require any explanation.

Miscellaneous.—The decrease of Rs. 20,913-7-11 was entirely under investments, due to the premia received on the first instalment of Rs. 15¾ lakhs raised on 1st December 1896 having been invested in 1896-97.

33. The following statement shows the net Revenue and net Expenditure for 1897-98 and the preceding year as required in the Standing Committee's Resolution No. 1221 dated 2nd February 1892 :—

Particulars.	1896-97.			1897-98.		
	Rs.	a.	p.	Rs.	a.	p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.						
General Tax	16,67,003	1	3	18,56,904	1	2
Wheel Tax and Tolls	2,33,863	7	6	3,21,382	14	10
Town Duties...	5,79,753	13	3	8,88,658	4	1
Receipts from Government for Liquor Licenses and Tobacco Duty	3,26,617	4	3	3,33,073	6	3
Market Receipts	2,36,583	12	11	1,96,966	8	11
Returns from other Property and Miscellaneous	1,79,125	12	6	1,72,384	2	5
Rebate to current revenue on account of plague expenses paid from revenue in 1896-97	.....			4,37,055	0	1
Net Receipts...Rs.	32,22,947	6	8	42,16,424	0	
Deficit ... ... Rs.	7,95,764	14	9	3,51,408	10	
	40,18,712	2	5	45,67,833	0	
Net Expenditure after deducting Receipts.						
General Superintendence	1,73,273	1	0	1,87,136	0	1
Fire Brigade	3,337	4	3	2,073	7	1
Public Gardens	52,500	8	3	65,502	8	1
Public Works (Engineer's Department, excluding Water Works)...	11,37,799	2	8	11,68,451	13	
New Works (excluding Water Works) ...	1,34,996	14	10	1,12,295	10	
Water Works (including Debt and New Works)	1,89,867	6	3	3,34,580	2	2
Public Health Department (excluding Markets)	5,14,969	1	8	6,34,367	2	
Municipal Debt (excluding Water Works).	5,53,884	1	10	7,31,726	13	2
Police	5,51,589	0	0	5,00,000	0	
Education	88,888	8	7	1,02,620	6	
Hospitals, &c.	53,101	0	7	54,233	8	2
Pensions, Gratuities and Compassionate Allowances...	38,946	15	2	51,132	13	5
Plague expenses	4,37,055	0	1	5,00,000	0	0
Miscellaneous...	88,504	1	3	1,23,712	10	6
Net Expenditure... Rs.	40,18,712	2	5	45,67,833	0	8

34.. From the following table exhibiting the expenditure incurred during the last five years on the principal loan works in progress, it will be seen that the expenditure paid during the year under report was the heaviest incurred during the above period :—

Works.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Tansa	47,407 7 4	44,259 2 1	6,101 4 3	9,458 14 4	781 15 3	1,08,008 11 2
Other Water Works	5,036 5 6	69,668 3 1	2,34,523 8 10	48,431 0 6	72,460 9 9	4,30,119 11 8
Sewerage Works	3,26,926 4 3	6,50,033 12 7	5,76,513 9 2	4,67,331 2 8	4,87,335 1 0	25,08,139 13 8
Markets	48,496 5 5	Cr. 16,494 2 4	61,286 14 5	49,339 8 11	41,916 6 0	1,74,545 0 5
Roads	4,35,066 6 1	2,37,211 5 2	Cr. 21,060 1 5	89,131 14 11	1,20,639 12 8	9,20,989 5 5
Minor and other Sanitary, &c., Works	3,25,428 3 4	2,27,489 13 7	2,37,514 2 2	51,171 13 6	4,27,290 0 8	12,68,824 1 3
Plague Expenses	.....	.....	.....	.....	* 17,62,938 11 7	17,62,938 11 7
Total ..Rs.	12,48,360 15 11	12,12,168 2 2	10,84,879 5 5	7,14,854 6 10	28,13,192 8 10	71,73,455 7 2

* Exclusive of Rs. 6,06,000 met from current revenue and Rs. 2,13,777-7-2 advanced to the Chairman, Plague Committee, Municipal Officers, &c.

35. The following statement shows the total Assets and Liabilities at the end of the year :—

ASSETS.

	Rs.	a.	p.	Rs.	a.
I.—Balances and Investments—					
(1) Cash balance in the Office and Bank Treasuries (*vide* pages 209 & 214)	6,31,357	13	10		
(2) Invested Surplus Cash Balance, &c. (*vide* page 215)	19,59,839	15	8		
(3) Invested Sinking Fund (*vide* page 215) ...	19,06,597	10	10		
(4) Invested Municipal Buildings Fire Insurance, Renewal of Water Mains, Net Premia, &c., and School Building Funds (*vide* page 215)	7,07,093	8	1		
(5) Contractors, &c., deposits in Government and other Securities (*vide* page 215) ...	2,53,900	0	0		
				54,58,789	
II.—Advances, Departmental, and to Contractors (*vide* page 214)				3,53,482	
III.—Municipal Property—					
(1) Land and Buildings, Tulsi, Vehar, Pawai, and Tansa, &c., Water Works	3,78,63,704	8	9*		
(2) Roads, Bridges & other improvement works...	1,20,82,321	6	5*		
	4,99,46,025	15	2		
(3) Reserve Stock (*vide* page 215)	9,03,586	11	9		
				5,08,49,612	10
Total Assets...			Rs.	5,66,61,883	12
Deduct—Total Liabilities ...			„	4,16,54,268	11
Value of Assets over Liabilities...			Rs.	1,50,07,615	1

LIABILITIES.

	Rs.	a.
I.—By various Loans (*vide* page 213)	4,11,20,497	12
II.—Deposits by Contractors, &c. (*vide* page 213)...	5,15,900	14
III.—Adjustment item reserved for Loan Works Establishment (*vide* page 213)	17,869	15
Total Liabilities ... Rs.	4,16,54,268	11

36. Attention is drawn to the remarks made at page 13 of the Chief Accountant's Report regarding our Assets, and the suggestions made by him will be duly considered.

* For the details of these two items, aggregating Rs. 4,99,46,025-15-2, *vide* pages 216 to 22

.....	4 per cent.	25,41,527 15 5	.....	25,41,527 15 5	12,530 2 8	25,28,997 12 9	1,01,[illegible] 3 4	1,13,976 0 0
THE PUBLIC.								
94,000)	5 per cent.	20,79,000 0 0	.....	20,79,000 0 0	* 58,000 0 0	20,21,000 0 0	1,08,475 0 0	1,66,475 0 0
885-86 (44 Lakhs)....	5 ,,	37,39,000 0 0	.....	37,39,000 0 0	†	37,39,000 0 0	1,92,937 8 0	1,92,937 8 0
88 (7 Lakhs)	5 ,,	7,00,000 0 0	.....	7,00,000 0 0	†	7,00,000 0 0	35,450 0 0	35,450 0 0
(147 Lakhs)	5 ,,	1,47,00,000 0 0	.....	1,47,00,000 0 0	†	1,47,00,000 0 0	7,56,475 0 0	7,56,475 0 0
Works Loan of 1888	5 ,,	12,00,000 0 0	.....	12,00,000 0 0	†	12,00,000 0 0	67,925 0 0	67,925 0 0
an of 1888-89 (Drain-rkets and Roads) of	5 ,,	10,08,500 0 0	.....	10,08,500 0 0	†	10,08,500 0 0	47,462 8 0	47,462 8 0
r Connections Loan 0.....	5 ,,	2,48,000 0 0	.....	2,48,000 0 0	†	2,48,000 0 0	12,425 0 0	12,425 0 0
ks Loan of 1890 and	5 ,,	35,00,000 0 0	.....	35,00,000 0 0	†	35,00,000 0 0	1,67,325 0 0	1,67,325 0 0
l (8 Lakhs).....	5 ,,	8,00,000 0 0	.....	8,00,000 0 0	†	8,00,000 0 0	40,000 0 0	40,000 0 0
rigade Quarters and	4 ,,	4,50,000 0 0	.....	4,50,000 0 0	†	4,50,000 0 0	18,521 12 0	18,521 12 0
of the Balance of the solidated Loan	4 ,,	42,00,000 0 0	.....	42,00,000 0 0	†	42,00,000 0 0	1,75,370 0 0	1,75,370 0 0
age and other Works,	4 ,,	23,25,000 0 0	.....	23,25,000 0 0	‡	23,25,000 0 0	99,718 13 6	99,718 13 6
erage, Worl Bunder, and certain Water	3½ ,,	10,00,000 0 0	.....	10,00,000 0 0	‡	10,00,000 0 0	37,934 13 2	37,934 13 2
(part of 25 Lakhs)	One per cent. below the Bank of Bombay's ruling rates, subject to a minimum of 4 p.c.	.....	15,00,000 0 0	15,00,000 0 0	.....	15,00,000 0 0	.....	.....
		.....	12,00,000 0 0	12,00,000 0 0	‡	12,00,000 0 0	.....	.....
dague expenses—1st								
OM THE PUBLIC..Rs.		3,59,49,500 0 0	27,00,000 0 0	3,86,49,500 0 0	58,000 0 0	3,85,91,500 0 0	17,60,020 6 8	18,18,020 6 8
AND TOTAL .. Rs.		3,84,91,027 15 5	27,00,000 0 0	4,11,91,027 15 5	§ 70,530 2 8	4,11,20,497 12 9	13,61,466 4 0	¶ 19,31,996 6 8

[illegible] was Rs. 54,000.

[illegible] aggregated Rs. 66, [illegible] an unpaid balance of Rs. 8,000, w[illegible]

[illegible] of these Loans, the bonds could not be repaid to the ho[illegible] dates stipulated in the debentures, the Sinking Fund has been invested as under :

I.—5 PER CENT. LOANS	Amount of Sinking Fund invested up to 1896-97.	Balance of Debt Instalments for 1897-98.	Interest accumulation for 1897-98.
	Rs. a. p.	Rs. a. p.	Rs. a.
44 Lakhs Sanitary Works Loan	5,04,167 5 11	30,550 0 0	24 [illegible] 15
7 do. Sanitary Works Loan	65,964 13 4	6,000 0 0	3,228 1
12 do. Drainage and W. W. Loan.....	1,19,687 5 5	11,000 0 0	5,854 10
Tansa Water Works Loan of 147 Lakhs	2,32,843 7 9	42,000 0 0	12 550 0
Loan of Rs. 10,08,500 for Miscellaneous Works.	82,716 1 0	8,600 0 0	4,157 3
Agrivada House Sullage Water Connections Loan of Rs. 2,48,000 ..	19,541 9 5	2,400 0 0	927 7
35 Lakhs Various Sanitary Works Loan	3,01,058 2 10	29,000 0 0	8,966 4
Municipal Building Loan of 8 Lakhs. ..	39,540 12 0	7,000 0 0	2,064 10
Total I .. Rs.	12,65,519 9 8	1,36,550 0 0	62,720 6
		1,99,270 6 8	
In 5 % Municipal Debentures at par lodged with the Bank of Bombay ..	12,65,500 0 0	+ 1,99,000 0 0	
Cash deposited with the Bank of Bombay	19 8 8	+ 270 6 8	
II.—4 PER CENT. LOANS.			
Fire Brigade Quarters and Stations Loan of 4½ Lakhs	34,397 1 2	8,100 0 0	1,289 8
42 Lakhs Loan for repayment of the Balance of Government Consolidated Loan	2,40,396 10 4	75,500 0 0	11.137 6
23½ Lakhs Loan for Drainage and other works	25,395 11 6	24,900 0 0	1,499 11
Total II .. Rs.	3,00,189 7 0	1,08,500 0 0	13,926 10
		1,22,436 10 10	
In 4 % Municipal Debentures at par lodged with the Bank of Bombay....	3,00,000 0 0	+ 1,22,500 0 0	
Cash deposited with the Bank of Bombay	189 7 0	— 73 5 2	
III.—3½ PER CENT. LOANS.			
15¾ Lakhs Loan for Sewerage Worl Bunder, &c., Roads, Burial Ground and certain Water Works.... III..Rs..	.....	18,875 0 0	316 8
		19,191 8 8	
In 3½ % Government Paper lodged with the Bank of Bombay	.....	18,984 6 0	
Cash deposited with the Bank of Bombay	.....	207 2 8	
Grand Total.. I,II & III ..Rs.	15,65,709 0 8	2,63,925 0 0	76,963 10

* These loans were stipulated to be paid off on 31st August 1898

§ Adding Rs. 3,40,688-10-2 set apart as Sinking Fund during 1897-98, the total disbu[illegible] year amounted to Rs. 4,11,418-12-10.

¶ If the sums of Rs. 3,40,688-10-2 set apart on account of Sinking Fund and Rs. 14,367 of Bank's commission, &c., charges on different Loans were added, the total paymen[illegible] debt would aggregate Rs. 22 87,193-0-6, of which Rs. 26,631-12-0 are chargeable to Fi[illegible]

(a) Includes Municipal Debentures and Port Trust Bonds for the aggregate sum of [illegible] chased in 1896-97 and 1897-98 at rates varying from 104 per cent. to 114¼ per cent., t[illegible] amounting to Rs. 16,920 being met from the Premia, &c., Fund.

(b) Includes 3½ per cent., Government paper for Rs. 18,500 purchased at 102½ per cent. [illegible] the premium on which amounting to Rs. 393-2-0, was met from the Premia, &c., Fu[illegible]

38. The revenue expenditure and balances of the last five years have been contrasted in the following table :—

	1893-94.	1894-95.	1895-96.	1896-97	1897-98.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	67,62,695 *a*	65,39,373	67,61,710	62,08,978	71,45,561 *k*
Expenditure	69,63,928 *b*	63,73,486	67,02,516	70,01,743	74,96,969
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding minor deposits, &c.) ...	35,47,236 *c*	37,18,124 *e*	37,72,318 *g*	29,76,553 *i*	26,25,144
Add—Recoverable Revenue Outstanding	1,05,000	65,000	50,000	2,75,000	83,000
	36,52,236	37,78,124	38,22,318	32,51,553	27,08,144
Deduct—Uncompleted Works, &c., the unexpended balances of the grants for which were required for payment in following year ...	5,12,460	4,84,218	4,80,048	6,71,162	5,83,510
Net workable balance available for requirements of following year..	31,39,776 *d*	32,93,906 *f*	33,42,270 *h*	25,80,391 *j*	21,24,634

a Includes Rs. 4,58,699 on account of net premia received on different Municipal Loans rai between 1888-89 and 1892-94, which was credited to current revenue as per Corporat Resolution No. 9222, dated 11th December 1893.

b Includes Rs. 2,93,849 on account of adjustment of expenses on different Loan Works sancti to be met out of premia which was shown as a charge against current revenue, and the of Rs. 1,64,850 on account of the investment of the net balance of the premia.

c & d Excluding the sum of Rs. 2,03,991 on account of the value of Reserve Stock on han 31st March 1894, the net closing balances amounted to Rs. 26,46,245 and Rs. 22,85 respectively.

e & f Excluding Rs. 2,14,284 on account of the value of Reserve Stock on hand on 31st March 1 the net closing balances amounted to Rs. 27,98,840 and Rs. 23,79,622 respectively.

g & h Excluding Rs. 3,76,660 on account of the value of Reserve Stock on hand on 31st March 1 the net closing balances amounted to Rs. 28,95,658 and Rs. 24,65,610.

i & j Excluding Rs. 2,01,841 on account of the value of Reserve Stock on hand on 31st March the net closing balances amounted to Rs. 20,74,712 and Rs. 16,70,550.

k Includes over Rs. 2¾ lakhs on account of recoveries of outstandings and Rs. 4,37,055-0- account of rebate to current revenue of plague expenses met from revenue in 1896-97.

l Includes Rs. 5 lakhs on account of plague expenses met from revenue in 1897-98.

m & n Excluding Rs. 2,03,587 on account of the value of Reserve Stock on hand on 31st March 1898 Rs. 8,12,546 on account of net advance made for the purchase of frontage land on the Agri Estate, the net closing balances amounted to Rs. 2,00,011 and Rs. 4,08,501.

IV. Assessment and Collection of Revenue.

Registration of Properties.

39. The number of properties on the Assessment Book at the close of 1897-98 was 53,165 against 52,959 in the previous year, or an increase of 206. The details are contrasted in the following table :—

Year.	Classification of properties according to description.				Classification of properties according to liability to pay General Tax.			
	Buildings.	Salt-pans.	Vacant lands, including tanks, &c.	Total.	Number assessed to General Tax.	Number exempted or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
96-97.....	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959
97-98.....	35,091	146	17,928	53,165	40,685	4,578	7,903	53,165

40. In the year under report 755 buildings were demolished, while 351 new buildings were erected, and 153 existing properties were enlarged.

Valuation.

41. The recorded gross value of these properties for the year under report is shown in the following table in contrast with that of the preceding year :—

	Opening valuation for 1897-98.	Valuation after complaints.		Subsequent amendments.		Closing valuation of 1897-98.				Increase.
		Number of complaints.	Amount after disposal of complaints.	Reductions.	Enhancements.	Valuation chargeable with General Tax.	Valuation exempted from General Tax.	Valuation for which no General Tax bills issued.	Total.	
	2	3	4	5	6	7	8	9	10	11
2,63,27,[illegible]	Rs. 2,95,66,255	2,649	Rs. 2,33,48,448	Rs. 2,48,671	Rs. 3,83,098	Rs. 2,67,21,128	Rs. 27,43,526	Rs. 18,151	Rs. 2,94,82,805	Rs. 5,55,187

42. The increase is in the valuation of [illegible] properties and is made up as under :—

	Rs.
Erection of new buildings	[illegible]
Enlargements	[illegible]
Rise in rents and correction of under-assessment	[illegible]
Total...Rs.	[illegible]

Property Taxes.

43. The following comparative tables show the increase in property taxes :—

(1) GENERAL TAX.

1896-97.				1897-98.				
8½ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	8½ per cent. on rateable value.	Compounded sum payable by Government.	Compounded sum payable by the Port Trust.	Total.	Increase.
1	2	3	4	5	6	7	8	9
Rs. a. p. 17,56,849 8 1	Rs. a. p. 98,374 0 0	Rs. a. p. 1,52,482 0 0	Rs. a. p. 20,06,705 8 1	Rs. a. p. 17,94,227 6 5	Rs. a. p. 98,374 0 0	Rs. a. p. 1,52,483 0 0	Rs. a. p. 20,45,083 6 5	Rs. a. p. [illegible]

44. The amount of general tax on properties exempted under Section 143 of the Act does not appear in the above table. This amount, as contrasted with that of the previous year, is as under :—

	Rs.	a.	p.
1896-97	2,07,151	13	4
1897-98	2,11,268	4	11

(2) WATER TAX.

1896-97.				1897-98.				Increase.			
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	Total.	Decrease on Meter Measurement.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 6,30,926 14 11	Rs. a. p. 33,873 9 3	Rs. a. p. 7,89,747 4 9	Rs. a. p. 14,54,547 12 11	Rs. a. p. 6,48,511 6 1	Rs. a. p. 36,583 4 4	Rs. a. p. 5,62,105 4 5	Rs. a. p. 12,42,199 14 10	Rs. a. p. 12,584 7 2	Rs. a. p. 2,709 11 1	Rs. a. p. 15,294 2 3	Rs. a. p. 2,27,642 0 4

(3) HALALKHORE TAX.

1896-97.			1897-98.			Increase.
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.	
1	2	3	4	5	6	7
Rs. a. p. 5,46,984 8 6	Rs. a. p. 50,528 12 1	Rs. a. p. 6,97,513 2 6	Rs. a. p. 5,62,500 8 4	Rs. a. p. 1,38,060 13 7	Rs. a. p. 6,98,561 5 11	Rs. a. p. 1,048 3 5

45. The total demand on account of property taxes for 1897-98 amounted to Rs. 39,85,844-11-2, to which must be added Rs. 38,801-3-4, demands on account of previous years, making a total of Rs. 40,24,645-14-6.

Collection.

46. From the total demand for the year, a sum of Rs. 60,872-13-1 was allowed as drawback under Section 158 of the Act, and the sum of Rs. 2,50,856 was the amount payable by Government and the Port Trust. For the recovery of the remainder, bills were issued as under :—

Year.	Bills issued.	
	No.	Amount.
		Rs. a. p.
1893-94	52	261 4 3
1894-95	56	309 6 10
1895-96	103	3,483 1 5
1896-97	447	34,747 6 10
Total ...	658	38,801 3 4
1897-98	72,771	36,74,115 14 1
Total ...	73,429	37,12,917 1 5

47. The outstanding balance on account of property taxes at the end of 1896-97 was Rs. 2,94,889-5-7, and the total amount for collection in 1897-98 was Rs. 40,07,806-7-0 exclusive of Rs. 2,50,856—which is the amount payable by Government and Port Trust, which is paid by them direct into the Municipal Treasury without bills being issued for the same. At the end of the year the total amount outstanding was Rs. 1,00,550-2-11. This amount was, by the 15th of August 1898, reduced to Rs. 31,210-14-3, Rs. 69,335-4-8 having been collected from 1st April to 15th August 1898.

48. The following table gives the details of the amounts which had to be collected during the year:—

Taxes.	To be collected.				Collected.			Uncollected.	Deduct. On account of former years.			Balance outstanding at the end of 1897-98.		
	Opening balance outstanding on 31st March 1897.	Total of Bills issued during 1897-98.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1897-98.	Total.		Amount written off as per Standing Committee's Resolutions Nos. 1208 / 5-5-97, 3893 / 21-7-97, 6719 / 20-10-97 and 11679 / 2-3-98	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1897-98.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax..	1,14,895 12 11	17,48,338 15 3	2,50,856 0 0	21,14,090 12 2	1,06,947 1 1	19,54,936 13 10	20,61,883 14 11	52,206 13 3	218 15 4	16,182 6 11	16,401 6 3	6,331 11 6	29,273 11 6	35,805 7 0
Water Tax ..	1,06,938 7 9	12,49,554 14 7	....	13,56,493 6 4	1,02,286 9 2	12,04,026 11 2	13,06,313 4 4	50,180 2 0	109 0 1	7,853 2 6	7,957 2 7	4,019 11 9	38,173 3 8	42,193 15 5
Halalkhore Tax.. ..	73,055 0 11	7,15,023 3 7	....	7,88,078 4 6	63,140 11 5	6,79,529 10 11	7,42,670 6 4	45,407 14 2	69 1 4	22,787 0 4	22,856 1 [illegible]	2,520 1 6	19,031 11 0	22,551 12 6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46,854 9 9	47,[illegible]	14,071 8 9	86,478 10 2	1,00,550 2 11

Tax on Vehicles and Animals.

49. The opening outstanding balance on account of this tax was Rs. 16,282-13-3, the demand for the year ending 31st December 1897 was Rs. 1,55,282-7-0 as against Rs. 1,85,321-12-4 for the previous year, and bills to the extent of Rs. 1,337-14-0 were issued on account of tax due for former years, so that the total demand was Rs. 1,72,903-2-3. The amount actually collected during the year was Rs. 1,64,378, against a collection of Rs. 1,72,377-5-6 in the previous year.

The amount recovered on account of licensed public conveyances, including license fees and fees for badges, and the amount realized from tolls at Mahim and Sion Causeways, contrasted with the previous year, is as follows :—

Years.	Tax on Public Licensed Conveyances.			License Fees.			Fees for Badges.			Tolls Fees at Mahim and Sion Causeways.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
6-97 ...	58,450	12	0	2,638	2	0	3,627	12	0	15,863	4	0
7-98 ...	1,67,989	10	0	5,265	8	0	8,380	12	0	14,489	14	0

Property Taxes and Taxes on Vehicles and Animals.

50. The following tables show—(**A**) the total assessment; (**B**) the collection and outstanding balances under these heads for the year as compared with those of the preceding four years :—

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years.	No. of Properties.	Gross annual value at the end of the year.			ASSESSED DEMAND.											
					Property Taxes.									Wheel Tax, including Public Conveyances and Toll on the Cause ways.	Total Demand.		
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under Section 143 of the Municipal Act and Section 36 of the Port Trust Act.	Total.	General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halalkhore Tax.	Total of Property Taxes.					Leviable.	Not leviable.	Total.
					General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94 ..	51,673	2,48,06,837	24,72,871	2,69,79,723	18,75,[illegible]615 9 3	1,89,174 10 9	20,64,790 4 0	12,67,355 12 11	6,55,294 8 0	37,98,265 14 2	1,89,174 10 9	39,87,440 8 11	3,44,966 8 0	41,48,232 6 2	1,89,174 10 9	43,32,407 0 11
1894-95 ..	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20[illegible]589 5 1	1,92,725 15 11	21,13,315 5 0	13,68,942 1 6	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,89,060 12 4	1,92,725 15 11	44,81,786 12 3
1895-96 ..	52,499	2,55,79,337	24,77,544	2,82,56,881	19,52[illegible]704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,086 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,086 [illegible]1	45,56,448 8 11	2,04,832 2 6	45,91,280 11 5
1896-97 ..	52,959	2,62,19,753	27,07,866	2,89,27,618	20,0[illegible]6,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,68,766 7 6	2,07,151 13 4	43,65,918 4 10	3,59,635 12 4	44,18,402 8 10	2,07,151 13 4	46,25,554 1 2
					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Total Demands, Collections and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and Bills recalled for amendment.	Collections.	Outstanding Balance on 31st March 1898.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94 ...	1,36,907 1 11	41,21,308 0 10	42,58,215 2 9	11,771 8 11	40,95,990 15 4	1,50,452 10 6
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10
1897-98 ...	3,11,172 2 10	43,16,519 2 5	46,27,691 5 3	49,219 3 3	44,71,371 12 10	1,07,100 5 2

Miscellaneous Revenue.

51. The receipts from Miscellaneous Revenue in the year under report, as contrasted with the previous four years are as follows :—

Year.	Notice Fees	Warrant Fees.	Inspection fees	Battakee Fees.	Duplicate Bill fees.	Sundries.	Hire Mete
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.
1893-94 ...	3,405 8 0	85 8 0	54 0 0	2,424 0 0	36 8 0	254 9 0	8,375
1894-95 ...	2,909 8 0	56 4 0	70 0 0	2,775 0 0	19 8 0	241 8 7	8,711
1895-96 ...	2,571 12 0	43 12 0	65 4 0	2,991 0 0	11 10 0	142 11 8	12,786 10
1896-97 ..	2,062 4 0	36 0 0	79 0 0	2,241 0 0	8 6 0	219 6 4	10,600 13
1897-98 ..	3,976 12 0	74 4 0	59 12 0	1,569 0 0	31 4 0	157 6 6	14,030 9 1

Refunds.

52. The total amount of refunds, for which certificates were granted on account of vacancies and over-collection under all heads, amounted to Rs. 20,826-11-9, the details which are as follow :—

Taxes.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	For 1897-98.	Tot
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a.
General Tax..	....	....	93 14 8	3,751 13 4	2,463 13 11	6,306
Water Tax	....	21 2 8	91 15 11	4,328 2 5	2,117 11 0	6,562
Balaikhore Tax.	1,290 6 0	790 2 0	703 0 2	3,619 10 8	1,539 14 8	7,941
Wheel Tax	....	....	....	4 0 0	2 0 0	6
Meter Hire	....	....	....	11 0 4	....	11
Total	1,290 6 0	814 4 8	890 14 9	11,707 10 9	6,123 7 7	20,826

Appeals to the Chief Judge of the Small Causes Court.

53. There were only nine appeals to the Chief Judge of the Small Causes Court, which were all against valuation of properties, and were disposed of as under :—

Subject of Appeal.	Number of Appeals.	How disposed of.				Total
		Dismissed.	Allowed.	Withdrawn by the Appellants	Settled by consent.	
Valuation	9	2	...	2	5	9

REVENUE AUDIT.

54. The books and balances of the Ward clerks in all seven ward offices of the City were duly examined at the end of each quarter and the bills checked in detail and comparison with the Head Office accounts. The Ass

ment books in the Head Office were also examined with a view to ascertain that no property had evaded taxation. The books relating to the collection of taxes on animals and vehicles were also examined and the entries checked. 13,664 ms for ½ drawback under Section 158 (2) of the Munici- Act were received and scrutinized as against 12,978 in preceding year. In forms 11, 11A and 11B, referring increase and decrease of valuations, 6,201 entries were cked as against 6,676 in the preceding year and traced rough all the Assessment and Collection accounts. The mber of complaints against valuations heard by the venue and Refund Audit Officer rose from 943 to 966 in year under report, and decisions on 248 cases of com- nts against amendments under Section 167 were tinized.

5. The revenue receipts or vouchers of the following rtments were also examined and checked :—

	No. of receipts.	Amount. Rs.	a.	p.
Engineer's Department	6,310	30,685	7	2
Health Department	19,796	69,812	15	1
Markets and Slaughter-Houses ...	14,767	370,574	2	0
Victoria Gardens	3,162	4,878	9	3

6. In the Licensing Department 5,415 licenses were ted as against 5,488 in 1896-97: each of these was tinized with special reference to the amount of fee able.

7. The number of claims for refund sanctioned after mination on account of vacancy or over-collection 1,018, amounting to Rs. 20,666-5-5.

TOWN DUTIES.

3. The following table shows in detail the increases decreases in collections, refunds and net revenues for year. The total collections for the year under report unted to Rs. 17,29,760-15-7 against Rs. 15,30,411-2-1 he preceding year, the increase of Rs. 1,99,349-13-6 r d under all heads except grain and ghee. There was tion of Rs. 48,966-12-0 in the amount of refunds The net result was an increase of Rs. 2,48,316-9-6 in ne from Town Duties, the figures being 991,956-10-7 98 as against Rs. 7,43,640-1-1 in 1896-97.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the Years 1896-97 and 1897-98.

Name of Article.	COLLECTIONS.				REFUNDS.							NET REVENUE.			
					1896-97.			1897-98.							
	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.	On account of Export.	On account of Articles supplied to Government.	Total.	On account of Exports.	On account of Articles supplied to Government.	Total.	Increase in 1897-98.	Decrease in 1897-98.	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.				Rs. a. p.
Grain @ As. 2 per candy	2,07,796 15 0	1,92,872 11 8	....	14,926 3 4	74,476 4 0	.....	74,476 4 0	49,470 11 0	.....	49,470 11 0	....	25,005 9 0	1,24,428 2 8	1,38,915 15 8	14,487 13 0	
Flour @ As. 1½ per candy	23 14 0	94 1 0	70 3 0	....	8,918 7 0	.....	8,918 7 0	5,380 2 0	.....	5,380 2 0	....	3,538 5 0				
Sugar @ As. 8 per cwt.	7,68,920 3 6	9,55,112 8 0	1,86,192 4 6	....	6,08,325 9 0	.....	6,08,325 9 0	6,01,627 8 0	.....	6,01,627 8 0	....	7,698 1 0	1,59,594 10 0	3,53,485 0 0	1,93,890 5 0	
Wines and Spirits, @ As. 4 per imperial gallon	2,15,751 2 3	2,31,963 2 10	16,212 0 5	....	16,382 10 0	58 4 0	16,440 14 0	16,887 4 0	88 11 0	16,926 15 0	486 1 0	....	1,99,310 4 5	2,15,037 3 10	15,726 15 5	
Beer @ pies 6 per impl. gallon ..	26,680 6 9	27,568 9 8	888 3 11	....	17,533 2 0	.....	17,533 2 0	15,758 4 0	.....	15,758 4 0	....	1,774 14 0	9,147 4 9	11,810 5 8	2,663 0 11	
Ghee @ As. 8 per B'bay maund.	1,70,565 5 3	1,75,884 10 9	....	3,730 10 6	44,464 8 0	.....	44,464 8 0	32,077 8 0	.....	32,077 8 0	....	12,377 0 0	1,26,110 13 3	1,43,757 2 9	8,646 5 6	
Timber @ ⅜ per cent. on Market value	1,05,033 5 2	1,11,645 0 8	6,591 11 6	....	16,622 5 0	.....	16,622 5 0	17,364 5 0	.....	17,364 5 0	1,742 0 0	....	89,431 0 2	94,280 11 8	4,849 11 6	
Firewood @ As. 1 per candy ..	26,617 14 0	34,670 3 0	8,052 5 0	....	....	.....	....	....	.....	....	....	....	26,617 14 0	34,670 3 0	8,052 5 0	
Total..Rs.			2,18,006 12 4	18,656 13 10							2,227 1 0	51,193 13 0				
			18,656 13 10	....							....	2,227 1 0				

V. Public Works.

SPECIAL DRAINAGE.

59. For the purpose of carrying out the various large schemes of drainage required in the City, Mr. James W. Smith, M.I.C.E., the Drainage Engineer of the Municipality of Bombay, was appointed to be in charge of these works, under the designation of Special Drainage Engineer, with effect from the 1st March 1893. He continued to hold that office during the year under report, and in addition thereto carried on the duties of the Acting Deputy Executive Engineer, Drainage (C. C. James), from the 9th March 1897 up to the close of the year, Mr. James having been appointed a member of the Plague Committee. In the Special Drainage Department the unfinished works in progress and the new works sanctioned or commenced during the year were as follows :—

UNFINISHED WORKS.

- Colaba Sewerage Works.
- Umarkhadi Sewerage Works.
- Parel Sewerage Works.
- Mazagon Sewerage Works.
- Malabar Hill and Kumbala Hill Sewerage Works.
- Colaba House Drainage Connections (street portions).
- Fergusson Road and Chinchpokli Sewerage Works.
- Storm-water drainage of the roads around Mahalakshmi Dhobiwada.
- Laying 9" pipe drains for the carriage of storm-water to the sea from the Southern part of Wodehouse Road.
- Stoneware pipe sewer from the emergent reservoir at the Wellington Fountain to the manhole opposite the Dockyard Gate in Apollo Street.

NEW WORKS COMMENCED.

- Old Race Course Sewerage Works (gravitation portion).
- Improvement of roadside drains in the Khetwadi District.
- Ovoiding side drains in Girgam Road.

N.—Masonry drain from Girgam Road through the Night-Soil Depôt Lane and Mathew Road across the B. B. & C. I. Railway to Back Bay.

O.—Opening water course at the West of Messrs. Kama's property, Parel Road, and constructing covered drain thereat.

P.—Culvert with penstock in the Eastern bank of the Mahalakshmi Reservoir.

Q.—Storm-water drain from near the Wellington Fount[illegible]in *via* Band Circle to the sea.

R.—Storm-water drain with water gullies in Rampart R[illegible] &c.

S.—Storm-water drain in Lower Colaba Road and Th[illegible] Street.

T.—Storm-water drain at East foot of Wodehouse Brid[illegible]

U.—Ovoiding side drains in Pathan 1st Street.

V.—Constructing arched masonry drain between [illegible] Lane and B. B. & C. I. Railway.

W.—Improvement of roadside drains and water c[illegible] about Dadar Road.

X.—Diversion of pipe sewer from the site for th[illegible] Station Hospital at Colaba.

WORKS SANCTIONED BY THE CORPORATION BUT [illegible] COMMENCED.

Y.—Machinery for Parel, &c., sectional districts.

Z.—Mazagon Sewerage Works (sectional).

A.—Colaba Sewerage Works.

60. These works, which were divided into three part[illegible] let separately to three contractors, have been all complete[illegible]

61. The suit filed against the Municipality by M[illegible] Bulkley & Co., who had contracted to do some of the wor[illegible] not yet been finally disposed of.

62. The expenditure under this head during the [illegible] amounted to Rs. 3,848, which, with the expenditure [illegible] previous years, aggregates to Rs. 8,21,010 against th[illegible] grant of Rs. 8,34,856.

B.—Umarkhadi Sewerage Works.

63. These works, under the contract of Mr. Sitaram Lakshman, were completed four months after the contract time and the final bill passed in August 1897.

64. The contract time was extended from the 6th September 1896 to the 9th January 1897, the maintenance period of twelve months being reckoned from the latter date. The total expenditure during the year amounted to Rs. 61,871, which, with the expenditure in previous years, makes up the sum of Rs. 3,52,239. The total grant was Rs. 3,86,993.

C.—Parel Sewerage Works.

65. Final payment for these works was made to the contractors in July 1897. The grant sanctioned for the work was Rs. 81,620, and the expenditure as detailed below :—

	Rs.	a.	p.
Establishment	6,695	2	0
Contingencies	2,667	7	9
Work	49,659	1	3
Road Repairs	3,059	1	5
Total ... Rs.	62,081	12	5

D.—Mazagon Sewerage Works (gravitation portion).

66. These works were not finished at the close of the year. The contract time expired on the 24th November 1897. There is not much work left undone, but it is difficult on account of the depth and rocky nature of the excavations. The total grant for the works is Rs. 3,32,661-0-0. The total expenditure up to the close of the year was as follows :—

	Rs.	a.	p.
Establishment	28,363	3	5
Contingencies	4,057	12	9
Work	2,02,231	12	7
Road Repairs	20,916	2	2
Total ... Rs.	2,55,568	14	11

E.—Malabar Hill and Khambala Hill Sewerage Works (gravitation portion).

67. These works were practically completed in January 1897, but the contractor not having furnished his account until September, the passing of the final bill was delayed. The total grant sanctioned for the work was Rs. 1,57,026. The total expenditure incurred was as follows :—

	Rs.	a.	p.
Establishment	12,571	12	0
Contingencies	1,149	15	0
Works	1,08,551	14	1
Road Repairs	7,112	10	2
Total ...	Rs. 1,29,386	3	3

F.—House Drainage Connections (street portions) in Co District.

68. The total number of street-connections made dur the year was 189. The contractors' bill certified and pas for payment amounted to Rs. 6,866-8-9.

G.—Fergusson Road and Chinchpokli Sewerage Wor (gravitation portion).

69. The contract period for these works was twe months, from the 25th March 1897 to 25th March 1898. T works were commenced on the 25th March 1897, and pr tically completed within the contracted time.

70. The expenditure passed during the year w Rs. 61,347-15-9. The total expenditure is shown under t following heads :—

	Rs.	a.	p.
Establishment	7,088	0	10
Contingencies	1,605	6	3
Work	73,768	15	7
Road Repairs	2,898	15	7
Total ... Rs.	85,361	6	3

H.—Draining Storm-water from roads around Mahalakshmi Dhobiwada.

71. The work was completed in February 1897, but the bill was not passed until June 1897. The sanctioned grant was Rs. 1,415.

The total expenditure was Rs. 1,156-0-3.

I.—Laying 9" Pipe Drain for carriage of Storm-water to the Sea from the Southern part of Wodehouse Road.

72. This work was completed in February and the bill passed in April 1897. The grant for the work was Rs. 2,008, and the total certified expenditure amounted to Rs. 1,992-1-3.

—Stoneware Pipe Sewer from emergent Reservoir at the Wellington Fountain to the Manhole in Apollo Street.

73. The heavy rainfall in June 1896 indicated the desirability of this work being completed as soon as possible. It was therefore, placed in the hands of Messrs. Sulemanji Jaffer Abdulali & Co., at the same contract rates as charged for other work. The work was completed about the end of October 1896, the cost, which amounted to Rs. 3,189, was met from savings in the grant for Colaba sewerage. The bill was passed in August 1897.

NEW WORKS COMMENCED.

Old Race Course Sewerage Works (gravitation portion).

The contract for this work was executed on the 19th January 1897, the contract period for completion being eight months. The contractors completed it as far as they were able, but as a piece of piping 65 feet long had to be laid under property belonging to the B. B. & C. I. Railway Company, considerable delay occurred ere matters could be adjusted. Some portions of the work remain unfinished owing to local difficulties. The total grant for the work was Rs. 46,270, and the total expenditure incurred and certified up to the close of the year is detailed as under :—

	Rs.	a.	p.
Establishment	3,618	10	8
Contingencies	134	12	3
Work	32,122	4	1
Road Repairs...	1,616	14	11
Total ... Rs.	37,492	9	11

L.—Improvement of Roadside Drains and the Provision of Water-gullies in the Khetwadi District.

75. The progress of these works was very satisfactory, and they were completed within the contract period. The sanctioned grant was Rs. 54,486, and the expenditure at the close of the year was as follows:—

	Rs.	a.	p.
Establishment	3,419	3	7
Contingencies	256	4	1
Work	40,509	7	2
Road Repairs...	1,356	14	6
Total ... Rs.	45,541	13	4

M.—Ovoiding Side Drains in Girgam Road.

76. These works were commenced on the 25th M 1897 and completed within the contract period. The sanctioned for these works was Rs. 15,588 payable savings from sundry loan works. The expenditure inc was as follows:—

	Rs.	a.	p.
Establishment	1,123	11	4
Contingencies	814	6	7
Work	9,251	11	11
Road repairs	263	1	11
Total ... Rs.	11,452	15	9

N.—Masonry drain from Girgam Road passing t the Night-soil Depôt Lane and Mathew Road and ac the B. B. & C. I. Railway to Back Bay.

77. Tenders were invited on the 31st July 189 resulted in the contract being given to Messrs. Sule Mulla Abdulali & Co.

78. The contract was executed and the orde commence work was given on the 30th October 1897 contract period being six months.

79. The work could not be completed on accou delay caused by the Railway Company. The grant fo work is Rs. 23,678 and is debitable to savings from di

loan works. The expenditure incurred up to the close of the year was as follows :—

	Rs.	a.	p.
Establishment	601	9	2
Contingencies	83	4	0
Work	8,334	9	4
Road repairs	555	11	5
Total ... Rs.	9,575	1	11

[redacted]—*Opening out Water Course to the west of Messrs. Kama's property, Parel Road, and constructing a Covered Drain thereat.*

80. The first part of these works has been postponed under advice of the Municipal Solicitors, Messrs. Kama having raised some objections. The second part of the work was completed in July 1897 and final bill passed for Rs. 3,332-6-8 as against Rs. 3,408-1-7, the contract amount. The grant for the whole of the work is Rs. 7,629.

[redacted]P.—*Culvert with Penstock in the Eastern bank of the Mahalakshmi Storm-water Reservoir.*

A grant of Rs. 2,112 was sanctioned from Surplus Balance for this work. Quotations for the penstock invited, and the lowest tender being that of Messrs. Gahagan & Co., it was obtained from them for Rs. 752.

The execution of the work was entrusted to Mr. Naguji, he having submitted the lowest tender. The was completed within the contract time and the final assed for Rs. 921-4-4 as against the contract amount 1,006.

[redacted]—*Storm-water Drain from near Wellington Fountain via Band Circle to the Sea.*

Only one tender was received, namely, from Messrs. anji Mulla Abdulali & Co., for Rs. 1,337 lower than fice estimate. It was therefore accepted. The Contractors d out the work vigorously. The work was not complet- the close of the year owing to some technical difficul- aving arisen.

84. The expenditure up to the end of the year was as follows :—

	Rs.	a.	p.
Establishment	3,039	3	2
Contingencies	1,528	1	1
Work	28,250	12	11
Road repairs	581	6	4
Total...	Rs. 33,399	7	6

R.—Storm-water Drain with Water Gullies in Rampart Row and Storm-water Drain in Wodehouse Road.

85. These works were given to the same Contractors a the work under reference letter Q and were satisfactoril completed. The final bill was under preparation at the clos of the year. The total grant sanctioned was Rs. 11,527 and the expenditure incurred at the close of the year was Rs. 5,717-2-11.

S.—Storm-water Drain in Lower Colaba Road and Thomas Street.

86. The cost of these works is to be met out of s from different loan works. Tenders were invited and Mr. Sayaji Naguji being the lowest was accepted. agreed that the work should be completed in 2½ r from date of order to commence and this was satisfa carried out. The total expenditure at the end of th is represented as follows :—

	Rs.	a.	p.
Establishment	922	7	10
Contingencies	163	13	4
Work	5,787	2	5
Road repairs	685	14	10
Total...	Rs. 7,559	6	5

T.—Storm-water Drain at the Eastern foot of Wodehouse Bridge.

87. This work was entrusted to Mr. Sayaji Naguji in extension of his contract for the Colaba storm-water drain. It was completed satisfactorily, the bill amounting to Rs. 1,123-11-6. The certified expenditure at the end of the year was Rs. 207-12-2.

U.—Ovoiding Side Drains in Pathan 1st Street.

. The grant for this work, *viz.*, Rs. 6,201, is to be ered by savings from different loan works. No tenders nvited, the work being entrusted to Messrs. Vithal a & Co., in extension of their contract for the Khetwadi The work was completed within the contract time expired on the 21st February 1898.

The final bill was not certified and passed at the of the year. The expenditure is made up of the ing items :—

	Rs.	a.	p.
Establishment	1,483	4	9
Work	4,292	1	7
Road repairs	106	10	8
Total... Rs.	5,882	1	0

-Constructing Arched Masonry Drain between Gilder Lane and B. B. & C. I. Railway.

This work was sanctioned at a cost of Rs. 4,221 to be d to savings in different loan works. The contract given to Messrs. Sulemanji Mulla Abdulali & Co., as tension of another contract, the rates being favorable.

The work was completed, but the bill not prepared end of the year.

-Improvement of Road-side Drains and Water-course about Dadar Road.

Tenders were invited for this work, the lowest being f Messrs. Sulemanji Mulla Abdulali & Co., namely, 2,695.

93. The contract was executed on the 28th February 1898, and the order to commence the work was given that day. The contract period for completion is six months and up to the close of the year the progress made was very satisfactory.

X.—Diversion of Pipe Sewer from the site for the New Station Hospital at Colaba.

94. This work was caused by the Military Author having proposed to build a hospital and the site having b subsequently changed brought about an addition to the w An estimate amounting to Rs. 2,089 was prepared b Speical Drainage Engineer, and the Executive Eng Military Works, paid the amount in advance on the 8t 1897, and the work was taken in hand.

95. The increase due to the change of site was R and this was paid also in advance of the work on the August 1897. The whole work was completed Rs. 2,598-14-6.

Y.—Machinery for the Parel, &c., Sectional Sewer System.

96. A committee having reported favourably o adoption of the Shone system of sewerage for those p Bombay which cannot be drained by direct gravitati Love Grove, the Corporation, without committing them entirely to the scheme, sanctioned the preparation o and estimates for the sewerage of the Mazgaon Distri tentative measure, it being deemed that the Pneu Shone system had not had sufficiently extended trial to it safe to extend it beyond restricted limits. The co tions afterwards made in the Colaba District where the system is in use were 20 houses, the Tramway stabl Night-Soil Depôt, the large Municipal latrines ne Night-Soil Depôt and the Colaba Railway Terminus ; a results having been satisfactory, the sanction of th poration was obtained for the sewerage of Mazgaon d Shone system and the provision of machinery fo Sectional Districts generally.

97. The lessees of the Shone Patents, Messrs. Hughes & Lancaster, were communicated with and they finally submitted an amended tender amounting to £21,280 sterling *plus* Rs. 3,72,980.

98. This was accepted by the Standing Committee, part of the cost to be charged to the grant for general machinery for the sectional districts, part to the grant for the Mazgaon Sectional District and part to be recovered from the Port Trustees as prearranged with them.

99. The date fixed for the completion of the work is the st March 1900 and progress up to the close of the year s satisfactory. The certified expenditure to the end of the r was Rs. 20,695-7-5.

Z.—Mazgaon Sewerage Works (Sectional).

. This work was sanctioned by the Corporation at a f Rs. 3,30,072. Some materials, such as pipes, manhole s and covers, fittings, &c., have already been obtained tocked. Tenders will be invited for other parts, and portions of the work have been let to Messrs. Hughes caster. Operations will commence after the rains. rtified expenditure up to the close of the year was 03-2-0.

10 A scheme has been laid before the Corporation for ainage of the surface and subsoil waters of Bombay Committee has been appointed to report thereon, but rt was not presented up to the close of the year.

The supply of Stoneware Pipes and Fittings, Iron Articles, Cement, &c.

102. Tenders for stoneware pipes were invited and two received, one from Messrs. Garlick & Co., and the other from Messrs. Richardson and Cruddas, but although the former was the lower, it was not in accordance with the specification. The contract was accordingly given to Messrs. Richardson and Cruddas. The cost, *viz.*, Rs. 37,671-6-7, is to be debited partly to the grant for machinery, &c., for the various

districts and partly to the grant for the Mazgaon Sewerage District. The contract was executed on the 29th September 1897.

103. The 26" cast-iron pipes and junctions required for the Fergusson Road and Chinchpokli Sewerage Works were supplied by Messrs. Richardson & Cruddas.

104. The cast-iron manhole frames, covers and steps for the Mazgaon Sectional Sewerage Works were supplied by Mr. Ardeshir K. Patel, Proprietor of the Napier Foundry. The manhole frames and covers required for several min works were obtained from time to time from the standi contractors for the supply of castings, Messrs. Soral Shapurji & Co.

105. The penstock for the culvert in the eastern bank the Mahalakshmi storm-water reservoir was supplied Messrs. George Gahagan & Co. and the tidal flap fo Band Circle storm-water drain by Mr. Ardeshir K. Pat

Cement.

106. Indents for cement were made on the De Executive Engineer, Drainage, as heretofore.

Colaba Air Compressor Station.

107. The working of the machinery in this statio as satisfactory. Considerable progress has been made wit the house connections, but the volume of sewage treated is yet much below the maximum.

108. The electric light installation was completed in May 1897 and was put into operation on the 17th of the same month. The total cost of the plant was Rs. 3,677-10-1. The electric tell-tales for giving warning at the compressor station of a stoppage at any of the ejectors have worked without failure. They cost Rs. 311-2-6. A small Worthington donkey pump for feeding the boilers was obtained from Messrs. Richardson & Cruddas at a cost of Rs. 200 met from a transfer from the coal grant. Six sets of indicator gear were purchased from Messrs. Hughes & Lancaster at a cost of Rs. 501-14-6 met from the special provision of Rs. 630 under the grant for stores.

109. The following statement shows the grants under the several Budget heads for the maintenance of the station and the actual expenditure incurred under each head :—

Sections.	Particulars.			Budget grants including transfers and renewed grants	Expenditure.
				Rs. a. p.	Rs. a. p.
1	Establishment			6,876 0 0	6,589 14 10
2	Extra Labour			920 0 0	.....
3	Coal	Rs.	18,260 0 0		
	Less transferred to—				
	Sec. V Rs. 200 0 0				
	Do. IV „ 200 0 0				
	Do. VI „ 127 13 10				
		Rs.	527 13 10		
				17,732 2 2	7,481 4 9
4	Repairs to machinery of the Station and Ejectors ...	„	1,000 0 0		
	Add transferred from Sec. III	„	200 0 0		
				1,200 0 0	1,065 12 6
5	Stores and contingencies ...	„	3,030 0 0		
	Add transferred from Sec. III	„	200 0 0		
				3,230 0 0	2,427 9 9
6	Repairs to Buildings	„	200 0 0		
	Add transferred from Sec. III	„	127 13 10		
				327 13 10	327 12 10
7	Telephone connection			175 0 0	175 0 0
8	Rent payable to Telephone Co. for tell-tales ..			475 0 0	475 0 0
9	Water supply			1,500 0 0	535 10 0
10	Malkhor tax in respect of the residences at the Air Compressor Station			172 0 0	165 4 10
11	Lighting the station with electricity			1,869 0 0	1,777 10 1
12	Fitting up tell-tale arrangements at the Ejector Station			712 4 3	311 2 6
		Total ...	Rs	35,189 4 8	21,382 2 1

DRAINAGE.

110. *Pumping Station, Love Grove, Worli.*—The Worthington engines which have now been working for nearly five years continued to work satisfactorily. The efficiency of the pumps showed an average of 91·90 per cent., one per cent. more than the average efficiency of the previous year. The bushes of No. 2 engine, which are now much worn, owing to the passage of silt through the pumps, are to be renewed, and when that is done it is expected that the efficiency will show a further improvement.

111. On the 19th August 1897 the left hand pump rod of No. 3 engine broke, but was at once replaced with a spare one.

112. The consumption of coal was kept within the Budget grant. This is principally due to the greater efficiency of the new engines and to the exclusive use of Indian coal.

113. On the 15th July 1897, when the rain was heavy, the outlet of one of the barrels of the outfall sewers became partially obstructed during the flood tide. The obstruction was cleared away by the ebb tide and there was no further trouble.

114. The work of converting the old engine-house into a shred-lifter chamber, office and godown is now in progress.

115. There have been no attacks or deaths from plague at the station.

HOUSE CONNECTIONS.

116. The existing house connections of 98 premises in the Mandvi district were put into proper working condition at the expense of the house-owners.

117. The following statement gives the number of houses in Mandvi and other localities where drainage fittings were treated, on account of the cases of plague having occurred there, at the cost of the house-owners :—

No.	Districts.	No. of houses treated.	Amount charged to private owners.	Amount charged to the plague grant.
			Rs. a. p.	Rs. a. p.
1	Mandvi	107	20,249 2 8	2,57[illegible] 9 10
2	Various parts of the city ..	259	29,809 13 10	6,05[illegible] 12 8

118. House drainage connections of 27 houses in Kala Chowki Road were executed at the house-owners' expense.

119. The sanitary arrangements of 10 houses in Modi Street, 8 houses in Lalwadi and 25 houses in various parts of the city were also thoroughly remodelled.

120. The street portions of house drainage connections except in Colaba were 614, costing Rs. 44,390.

DRAINS AND SEWERS, CATCH-PITS, WATER GULLIES, MANHOLES, VENT SHAFTS, &c.

121. *Ovoiding side drains in Northbrook Street and erecting four flush tanks for the same.*—This work, which was done departmentally, was completed at a cost of Rs. 3,385-7-3. The work of constructing a storm-water drain in the ground added to the Victoria Gardens, which was entrusted to Messrs. Dewram Keshowjee & Co., was completed at a cost of Rs. 5,350-10-6.

122. The work of repairing and renewing a portion of the double barrel storm-water drain running through the Mint compound from near the north entrance to the Town Hall was completed at a cost of Rs. 4,928-3-2.

123. The work of constructing a catch-pit on the Mint Road sewer was in progress at the close of the year. A sum of Rs. 5,022 was provided in the Budget for constructing a catch-pit on the Hornby Road sewer near the Arthur Crawford Markets. This work had, however, to be deferred on account of financial difficulties.

124. A sum of Rs. 7,149 was provided for the construction of water gullies in various places and the particulars of the works executed are given in the Executive Engineer's Report at page 343.

125. Tidal flaps at the mouth of the double-barrel masonry drain passing through the Mint compound was completed departmentally at a total cost of Rs. 980-3-2. The construction of permanent manholes on drains in A, B, C, D, and E wards in positions selected by the Executive Health Officer was carried on departmentally and was in progress at the close of the year, the certified expenditure for the work being Rs. 771-5-0 out of the grant of Rs. 2,000 on the 31st March 1898. A sum of Rs. 4,047 was sanctioned for laying pipe sewers in certain narrow streets in the Mandvi District. A portion of the work was executed departmentally, and then it was deferred until the owners made the drainage connections of their houses with the existing storm-water drains on the improved system, so that the connections could be immediately transferred to the pipe sewers. The expenditure on this account at the close of the year was Rs. 3,797-9-6.

126. Storm-water drainage arrangements on Marine Lines Road near the B. B. & C. I. Railway Administrative Offices were completed departmentally at a cost of Rs. 2,420-3-1.

127. The sullage stagnating in pools in the side drains in Dockyard Road, Gunpowder Road, Gungabudi Road and part of DeLima Street was causing a serious nuisance, and as the plague was raging in the localities a sum of Rs. 7,385 was sanctioned from the plague grant for ovoiding these drains. The work was executed departmentally and completed at a cost of Rs. 3,701-6-2. The ovoiding of the side drain alongside the St. Peter's Girls School having been executed as part of the abovementioned works, the sum of Rs. 1,045 provided for the work in the Budget was transferred to the grant for Repairs and Alterations in Drains.

128. The plant for providing electrolized sea-water was first started in regular work on the 14th May 1897, and it continued working until the 20th June 1897, when it was stopped owing to the commencement of the rains. It could not be started before the close of the year on account of the objection raised by the Telegraph Department regarding the overhead line which was proposed for conveying the electric current from the Depôt to Carnac Bunder. The Telegraph authorities have, however, allowed the overhead line for the greater portion of the distance on condition that the G. I. P. Railway telegraph line running parallel to Carnac Road was removed further south. The Railway Company was paid Rs. 60 for the removal of their line, but the work was only completed by the middle of March. Several experiments were conducted with the fluid produced, but it is premature at present to express any conclusive opinion in regard to its efficacy or cost compared with other disinfectants, as further trials are being made. The total cost of working and maintaining the plants up to the end of the year amounted to Rs. 1,135-2-8.

129. The work of converting the Bhangi Moholla night-soil depôt into a receiving depôt was completed at a cost of Rs. 2,953-3-0. As regards the work of converting the Haines Road Night-soil Depôt into a receiving depôt, orders were issued to the contractors, Messrs Dewram Keshowjee and Company, to start the work on the 25th March 1898. The

contractors are bound under their contract to complete the work within four months from the date of order.

130. A wind-mill and pump to lift subsoil water at Kamatipura were fixed by Messrs. Macbeth Brothers and Company. The mill and the pump have been working satisfactorily, but the power being small there has been no appreciable effect on the subsoil water. It is therefore proposed to sink a small well close by to determine the effect of the pumping. The total cost of the work amounted to Rs. 873-9-10.

131. The work of removing, raising and refixing the service pipes of flush tanks in the gullies at Kamatipura, Foras Road and Ripon Road was completed departmentally at a total cost of Rs. 1,118-7-1, and among other miscellaneous works carried out during the year may be noted the construction and improvement of a number of latrines and urinals.

132. The sluices and penstocks under the supervision of the staff continued to work satisfactorily and the miscellaneous duties of repairs, alterations, construction, flushing and cleansing were efficiently performed. Works in connection with the sanitary and water service arrangements at the Plague Hospitals at Modikhana, Grant Road, Northbrook Gardens, Charni Road, and near the Grant Road Bridge, the Segregation Camps at Wari Bunder, Narielwady, Modikhana, Foras Road, Moreland Road, Connaught Road and Colaba, and the Contact Camp at Elphinstone Bridge were executed at the request of the Plague Committee.

133. Of 2,044 notices issued for compliance with the requirements of the Municipal Act, 978 were complied with. 1,007 summonses were issued, of which 312 were withdrawn and 695 complied with; the amount of fines inflicted upon convictions totalled Rs. 1,580.

134. The value of drainage stock, such as stoneware pipes, cast iron fittings, cement, &c., at the commencement of the year was Rs. 3,83,182-10-9. Receipts and issues amounted to Rs. 1,45,522-15-0 and Rs. 1,32,428-5-11 respectively, and the total value of the stock in hand at the end of the year was Rs. 3,96,277-3-10.

WATER WORKS.

135. *Tansa Lake.*—The rainfall for the year was 104·82 inches, against 120·13 and 92·37 inches in 1896 and 1895 respectively. The heaviest fall was on the 7th August when 7·95 inches were registered. The lowest water level was 393·19 T. H. D. on the 17th June 1897. The lake overflowed on the 18th July 1897 after 35·38 inches of rain had been registered, and ceased to overflow on the 24th September 1897. The storage above lowest outlet on the 1st October 1897 was 18,559 millions of gallons and on the 31st March 1898 it was 12,396 millions of gallons, showing a consumption of 6,163 millions of gallons in six months, or 34·05 millions of gallons per day including evaporation, absorption and leakage. The quantity of water passed over the waste weir is estimated at 26,403 millions of gallons.

136. The approximate quantity of water passed from the duct at the Ghatkoper syphon head for the year amounted to 7,275 millions of gallons. About 213 millions of gallons of water passed into the Vehar Lake against 165 and 88 millions of gallons during 1896-97 and 1895-96 respectively. The daily average of the quantity supplied to the City and delivered into Vehar was consequently about 20$\frac{1}{2}$ millions of gallons a day leaving about 13$\frac{1}{2}$ millions a day for leakage, absorption and evaporation in the lake and the duct.

137. The work of constructing quarters for the Sub-Inspectors and watchmen at Tansa was nearly completed at the close of the year. A sum of Rs. 62,115 was sanctioned for repairs to the portion of the embankment from Godowli to the north of the Bassein creek No. 3. The work was entrusted to Mr. Bhaskar Shivram at Rs. 53,737-8-0 and a greater part of it was completed by the end of the official year, and it is hoped that the remaining work will be completed shortly.

138. Owing to the heavy demand of water supply for flushing purposes during the prevalence of plague in Bombay, the inspection of and repairs to the duct during the year were not carried out. There was not a single burst on the 48″ Tansa main, and the supply of water into Bombay was therefore not interrupted.

139. The work of repairs to Tansa Duct on the 45th mile at Ghatkoper was carried out departmentally and nearly completed at the close of the year.

140. *Vehar Lake.*—The rainfall for 1897 was 97·56 inches against 109·81 and 82·81 inches for 1896 and 1895 respectively. The lake overflowed on the 8th August 1897 and ceased to do so on the 7th October 1897. The heaviest fall was 7·56 inches on the 16th July. The lowest water level was 251·71 T. H. D. on the 16th June 1897. The storage on the 1st October 1897 was 11,425 million gallons ; on the 31st March 1898, 8,906 million gallons ; the total consumption of water from the lake during the dry months from 1st October 1897 to 31st March 1898 was 2,519 million gallons, equivalent to 13·9 million gallons per day in addition to 213 million gallons drawn from Tansa. Between the 7th August and 8th October 1897, 1,098 million gallons of water were received from Tulsi Lake by overflow. The quantity that passed over the Vehar waste weir between the 8th August and 7th October was 4,287 millions of gallons.

141. During the year only one claim for reward for capture of a crocodile in the Vehar Lake was made.

142. *Tulsi Lake.*—The rainfall of 1897 was 118·66 inches as compared with the previous two years, 1896 and 1895, when it was 139·52 and 100·40 inches respectively. The heaviest fall was on the 8th August 1897, being 7·76 inches. The lowest water level was 435·00 T. H. D. on the 17th June 1897. The lake overflowed on the 7th August 1897 and ceased to overflow on the 9th October 1897. The storage on 1st October 1897 was 2,305·6 million gallons ; on the 31st March 1898 it was 1,304 millions. The total volume of water drawn from the lake during the six dry months from the 1st October 1897 to 31st March 1898 was 1,001 million gallons, or 5·5 million gallons per day, allowing 4½ millions for supply and leaving about 1 million for leakage and evaporation.

143. The Tulsi gathering ground forest is now supervised by the Government Forest Department—since April 1896.

144. *Pawai Lake.*—The water supply from this lake was not required. The pumping plant remained in charge of the Assistant Engineer, Mechanical Branch.

145. *Bhandarwada Reservoir.*—The expenditure for the work of covering storage basin and construction of filters over it during the year was Rs. 1,23,084-7-4. The contract for supplying and laying filtering materials was entrusted to Mr. Sitaram Laxmon at Rs.19,448, but though the contract time has already expired, only about half the sand has been placed in filter No. 9 and a small quantity in No. 7. The metal and nearly all the shingle have been put in. The work of pointing the four walls and paving the floor of the storage reservoir with Indian patent stone was completed by Messrs. Garlic & Co. at a cost of Rs. 23,086-0-9.

146. *Malabar Hill Reservoir.*—Filters Nos. 2, 3 and 4 have had some alterations made in their outlet arrangements and are now in process of being recharged with filtering materials.

147. *Miscellaneous Works.*—The case in connection with the laying of the pipes within the G. I. P. Railway limits was not disposed of before the close of the year by the High Court, consequently the work of connections at Chinchpokly has been delayed. The work of supplying and laying 4″ cast iron mains in various parts of the City was entrusted to Mr. Pallonji Edulji at a cost of Rs. 24,373-2-0 and was nearly completed. The work of laying 9″ main in Worli Road in place of the existing 3″ one was entrusted to the same contractor at a cost of Rs. 48,611-6-0 and was in progress.

148. Revised proposals for the laying of the mains in Kalachowky, Reay, Sewri and Dockyard Roads are under consideration.

149. *Distribution and Maintenance.*—A large quantity of water was used during the year under report, also for flushing the drains and gutters on account of the prevalence of plague, and 327 house-connections were cut off and replaced by 246 stand-pipes in convenient positions.

150. The Corporation under their Resolution No. 7220 of 19th October 1896 having accepted the offer of Mr. Shaisha R. Naidoo to erect at his expense a drinking fountain at the junction of Elphinstone and Dadar Roads, the work was entrusted to the petty works contractors and was nearly completed at the close of the year.

151. The number of bursts during the year was 109 against 180 last year and 255 in 1895-96. Exclusive of the connections cut off on account of the plague, 365 services were disconnected on account of demolition of buildings, non-payment of rates, &c. There were 2,209 meters in use on the 31st March 1898, being an increase of 162. The consumption registered by meter aggregated a little over 1,253 million gallons.

STOCK.

152. The value of reserve stock was Rs. 4,43,965-5-4 at the beginning of the year, the purchases and issues amounted to Rs. 59,637-1-8 and Rs. 91,652-9-6 ; the value of the balance at the close of the year was Rs. 4,22,005-10-3.

153. The sale of produce, trees, grass and the like at the lakes and along the pipe lines fetched Rs. 1,788 against Rs. 2,029 realized in the previous year. The number of notices issued during the year for faulty taps, &c., was 10,010 against 9,747 in 1896-97. Sanction was accorded by the Standing Committee under Section 279 of the Act to sever the connection of service pipes in 1,994 cases ; the sanction was acted on in 226 cases.

MUNICIPAL BUILDINGS.

154. The most important buildings completed during the year are given below :—

Bhuleshwar Market and Schools.

Two additional sheds for sheep and goats at the Bandora Slaughter-Houses.

Quarters for the Chief Inspector and sluicemen of the Water Works Department at Babula Tank.

Quarters for the animal-keepers in the Victoria Gardens and office for the staff of the Victoria Gardens.

155. The construction of the Sankli Tank Fire Brigade Station was completed on the 30th November 1896 ; since then the Corporation have sanctioned some additional works which were in progress at the close of the year when the total expenditure passed was Rs. 1,68,829-3-7.

156. The work of constructing the Gamdevi Fire Brigade Station made a satisfactory progress at the close of the year, the expenditure being Rs. 4,252-4-10.

157. The work of constructing a temporary market at Fergusson Road was commenced just before the close of the year. The work of filling in quarry holes near the Railway Station at Bandora was not completed at the close of the year, the expenditure passed being Rs. 2,832-5-8.

158. The work of constructing quarters for Malis in the Victoria Gardens has been entrusted to Messrs. Deoram Keshavji and Company. The total expenditure passed up to the close of the year was Rs. 105-4-0. The same contractors have been given the work of constructing quarters for the head animal-keeper in the Victoria Gardens. The work had however to be stopped until the finances of the Municipality improved; it will probably be taken in hand after the rains. Additions and alterations to the chawl at Dadar will be taken in hand after the rains when the halalkhores of the Health Department who occupied it will vacate the building. The work of constructing a Ward Office for the Streets and Buildings Branch of the Executive Engineer's Department at Gamdevi is in progress. The arrangements for building the Nasserwanji Maneckji Petit Public Hall were not completed at the close of the year. A statement of Municipal properties will be found as an appendix to the Executive Engineer's Report.

159. Applications for permission to build or rebuild during the year numbered 1,129 as against 1,261 during the preceding year. Of these 1,123 were passed wholly or partially, the remainder being unconditionally disapproved on sanitary or other grounds.

160. The number of notices issued to householders under the various sections of the Act was 4,635, or 516 more than in 1896-97. 332 summonses were issued for non-compliance; in 223 of these cases the parties complied before the service of summons, in 17 cases the parties were convicted and fined in various sums aggregating Rs. 255, in 19 cases second summonses and in 2 third summonses were issued, and 71 cases were postponed.

161. During the year 27 buildings or portions of buildings collapsed, and in 2 of these cases 5 persons were injured and one killed. Under sundry sections of the Act 3,796 orders were issued for the summary removal of ruinous houses

and objectionable erections. With the exception of 473 cases in which action was still pending at the close of the year, these orders were carried out. Set-backs to the extent of 4,086·91 square yards were effected during the year at a cost of Rs. 1,27,215-1-9.

ROADS.

162. In connection with the construction of Reay Road negotiations for the purchase of several properties have been completed. The construction of the northern approach to the overbridge and the roadway in continuation thereof up to De Lima Street cannot, however, be taken in hand until the alignment of the overbridge and its southern approach has been finally settled by the Port Trustees and the G. I. P. Railway Company. The remainder of Reay Road from Dock-yard Road to the junction of Coppersmith Street and Gunpowder Road is now in progress. Some of the properties required for this road were acquired under the Land Acquisition Act, The Collector's awards were accepted by the owners except in the case of property belonging to Bai Meherbai Edulji Tavernwalla. In this case an appeal was made to the High Court by the claimant. The appeal was heard during the year under review and was dismissed with costs in favour of the Municipality. The excavation of Narielwady having approached completion the construction of Victoria Road was started and the work is now in progress.

163. As regards the proposed road from Dongri Street, across Navroji Hill to Elphinstone Bridge properties admeasuring 784·37 square yards have been purchased at the aggregate cost of Rs. 63,860, including the value of the buildings ; the acquisition of the remaining properties is in progress. A flight of steps to the south of the Falkland Road Bridge was constructed at a cost of Rs. 5,466-3-1. These steps were opened to the public on the 1st February 1898 and have proved to be a great convenience. It is proposed to hand over to the New Improvement Trust the Municipal properties designated as follows :—

(*a*) The Agripada Estate.
(*b*) Connaught Road Estate.
(*c*) The Matunga Estate.

164. The Agripada estate consists of large plots of land situated in the Agripada district bounded by Arthur Road on the west, Clerk Road on the north, DeLisle Road, Haines Road and Clare Road on the east, and Bellasis Road on the south. Some small plots of the frontage land of this estate have been sold, and the remainder, including the area of the land occupied by the newly constructed roads, admeasuring in all about 412,815 square yards, is to be handed over to the Trust. The scheme for the improvement of this estate consisted of the construction of several large and small roads of which only four principal ones have been taken in hand, *viz.*, Morland Road, Club Street, Gilder Street, and Souter Road. The whole of Morland Road, Gilder Street except a small portion near the Hindustan Mill, and the portion of Club Street extending from Morland Road to Gilder Street have been completed. Souter Road is yet incomplete on account of the firm of contractors who undertook to carry out the work having stopped the work owing to some disputes among the partners.

165. Connaught Road estate consists of a large plot of land immediately to the north of the Victoria Gardens. Portions of it have been added to the Victoria Road and to the existing public streets, *viz.*, Parel Road and Ghorupdeo Road. A portion of the land has also been utilized for the construction of Connaught and Sussex Roads. Some of the plots abutting on these roads and Parel Road have been sold and the remainder will be handed over to the City Improvement Trust. The area to be so handed over is about 59,550 square yards, including the area occupied by the said Connaught and Sussex Roads.

166. The Matunga estate consists of several plots of land acquired in the Matunga District. These plots of land including the area occupied by Vincent Road, which is completed, and admeasuring 298,376 square yards, are proposed to be handed over to the new Improvement Trust.

167. *Miscelleaneous.*—The work of removing and recovering the chunam covering of the terrace roofing of the Victoria and Albert Museum was entrusted to the annual repairs and petty works contractors about the close of the year. Some additional works, such as providing wooden gates for entrance,

raising and repairing old walls, &c., for the Sunni Mahomedan Burial Ground at Tank Bunder, have been entrusted to Messrs. Teju Kaya & Co.

168. The work of enclosing by a masonry wall the ground at Mount Road allotted to the Beni-Israel community for burial purposes is now in progress. The construction of a compound wall at the Tank Bunder Hindu Burial and Burning Ground could not be proceeded with as the question of the boundaries of the burial ground on its north and east sides has not yet been settled. The Executive Engineer has made satisfactory progress in regard to the arrangements for the future disposal of town sweepings of the City, the details of which will be found in his report.

169. During the year 10,076,008 square feet of roads were repaired at a cost of Rs. 3,53,578-12-6, giving an average of about 6¾ pies per square foot as against 6 pies in the preceding year. The City roads were watered during the year under report some once; some twice and some thrice a day according to the importance of the traffic, except during the latter part of the year, when it was entirely discontinued on sanitary grounds, in connection with plague in the case of minor roads, and partially in the case of principal thoroughfares, the total expenditure being Rs. 1,20,180-10-11 against the grant of Rs. 1,30,400. 876 new pattern hydrants for watering the roads have been fixed up to the end of the year. The system of watering direct from the mains by means of hydrants has proved very successful. Under the provisions of the Municipal Act it is difficult to have any control over the condition of private streets; as defined therein such streets cannot be repaired at Municipal expense, and the house-owners cannot be compelled to keep them in order, owing to the difficulty of proving that the streets or particular portions of them have been in the undisturbed use of the public.

170. Footpaths measuring 26,740 square yards were paved with blue stone at a total cost of Rs. 13,550-6-3. During the year no new tram lines were laid, but the single track along Girgaum Road from the Portuguese Church to the Money School admeasuring 524 feet was doubled. The doubled tram lines along Frere Road and from Pydhowni to Grant Road tram terminus were renewed.

LIGHTING.

171. The conversion of all the ordinary gas lamps into incandescent ones was completed during the year at a total cost of Rs. 2,08,476-5-8 against the sanctioned grant of Rs. 2,17,842. The total number of incandescent gas lamps in the City during the year was 3,828.

172. The minimum pressure of $\frac{8}{10}$ of an inch was maintained at all Municipal pressure registers. The gas supplied was pure and its illuminating power was generally up to the contract standard. The illuminating power of an incandescent gas light averaged 30 candle power as against the minimum contract illuminating power of 25 candles. During the year 4 additional automatic pressure registers were fixed at Charni Road, Prince's Dock, Dongri Street and Pedder Market.

173. The total number of kerosine oil lamps in the City at the end of the year was 1,777 and their lighting continued to be departmentally managed, the oil used being 150° proof test. Rs. 39,130-1-4 were spent on this, but deducting Rs. 2,632-12-9, the value of empty cases and tins, and Rs. 8,862-6-2, the value of kerosine oil cases on hand, the net cost of kerosine oil lighting amounted to Rs. 27,634-14-5. The average annual net charge per lamp worked out to Rs. 15-11-4.

174. The electric light installation for lighting the Arthur Crawford Markets and the Municipal office worked satisfactorily. There were five stoppages of the Markets' lights, due to the breakage of the Armature wires of the dynamo and one due to a short circuit in one of the lamps. The stoppages were only of short duration. The total cost of working the electric light plant was Rs. 10,549-7-3.

WORKSHOPS.

175. The balance in favour of the Workshops at the close of the year worked out to Rs. 1,141-3-4. Rs. 5,508-12-10 were paid to Government under protest on account of rent for the Workshops and Stores premises and the land occupied by Grant House for the year under review. The question as to the ownership of the land occupied by the Workshops

premises was not settled at the close of the year. Charges amounting to Rs. 1,371 for remetalling the Workshops compound, as also the purchase of a new platform weigh-bridge at a cost of Rs. 500, were met out of Workshops profits. Water charges for the 1st quarter of 1897 amounting to Rs. 386-12-0 were met from the Workshops grant for stores and water supply, and the charges for water supplied from April remained unadjusted at the close of the year. The grant for stores had to be supplemented by a transfer of Rs. 5,660-8-5 from savings in the grant for Establishment and Labour, and also by an advance of Rs. 7,489-7-7 from Surplus Cash Balance on account of several unforeseen works. A large number of carts, hose reels, hand ambulance carriages, &c., were manufactured for various departments, and electric light installation was provided at the Colaba Pumping Station and the electrolizing plant was erected at the Carnac Bunder Night-Soil Depôt. A flight of steps for the Falkland Road overbridge was constructed, and an equifex disinfecting apparatus and a corrugated iron shed for the same, were erected at Modikhana. The total cost of works undertaken on account of the Plague Committee and completed during the year amounted to Rs. 11,518-0-9.

176. The Workshops have continued to keep in repairs the rolling stock of the Health and Road Departments as well as the numerous articles of plant and machinery used by the various Deparments. Owing to the absence of workmen during the height of the plague epidemic, the repairs to the Health Department dust-bin carts could not receive the usual amount of attention. Rs. 7,000 were provided in the Budget for the purchase of a new engine and boiler for driving the Workshops machinery. Messrs. John Fleming & Co. supplied a Marshall's double cylinder high-pressure under-type engine with loco type boiler, for Rs. 6,900, on the 30th September 1897. It was erected on a new foundation by the Workshop staff and was started on the 27th of October and has been working very satisfactorily. The average consumption of coal per month in the old engine and boiler from July to October 1897 was 41 tons 12 cwts. 2 qrs. against the average monthly consumption in the new engine and boiler from November 1897 to February 1898 of 22 tons 5 cwts., thus the saving effected in coal by the use of the new engine and boiler in four months amounted to

Rs. 1,085. Nine of the Workshops employés succumbed to the plague. The number of deaths from this disease last year was also the same.

177. The Hydraulic Lift in the Municipal Office worked satisfactorily throughout the year.

INSPECTION OF INSANITARY HOUSES.

178. A large number of houses which are insanitary and unfit for human habitation have been examined under the authority of Government Notification No. $\frac{P}{228}$, dated 10 February 1897, issued under the Epidemic Diseases Act. The districts under examination are Lower Colaba, Fort, Dhobi Talao, Chukla, Mandvi, Umarcarry, Dongri, Bhuleshwar, Kamathipura, 1st Nagpada, 2nd Nagpada and portions of Byculla known as Agripada and Gujri Bazar. In addition to the systematic inspection of houses in the above districts the examination of some of the more urgent cases in other parts of the City has also been made. In the case of a house requiring improvement notice is served on the owner calling upon him to carry out the required improvements within a time fixed and informing him that in case of default the house will be closed. Only a few houses have been vacated owing to the approach of the monsoon and the difficulty experienced by the people in finding house accommodation. 741 notices were issued during the year under the different sections of the Government Notification and the City of Bombay Municipal Act. Rs. 10,290 have been awarded as compensation for demolishing houses under sections 6 and 9 of the Government Notification and Rs. 2,299-4-2 were paid as compensation for the demolition of huts and sheds under section 426 of the Municipal Act.

FIRE BRIGADE.

179. The efficiency of the Brigade continues to be maintained. No fatalities occurred, but several members of the force were slightly injured in the discharge of their duties. Some were hurt during the rioting of the 9th March, but all recovered, and the general health of the establishment has been fairly good.

180. The water supply at fires has been on the whole satisfactory. The new station at Gowalia Tank Road is in course of erection.

181. Six additional men have been employed to complete the staff at each manual engine station.

182. The Corporation sanctioned an allowance equal to one-sixth of their salaries to 120 men of the Brigade for performing extra duty at Segregation Camps from the 12th October 1897 to the 27th January 1898, and again from the 28th January to 152 men to the extent of one-fifth of their salaries for extra duty in flushing gullies in connection with the measures for suppressing the plague. Two horses have been purchased during the year to replace two sent to Pinjrapole.

183. The order for hose, consisting of 7,860 feet, was satisfactorily executed by Messrs. J. Fleming & Co., through whom it was obtained.

184. The strength and equipment of the Brigade is as follows :—

Strength.

1	Chief Officer.	12	First Class Tindals.
1	Surgeon.	6	Second Class Tindals.
1	Clerk.	108	Firemen of grades.
1	Head Foreman.	7	Drivers.
5	Foremen	7	Grooms.
6	Engineers.		

Total 155, including all ranks.

Equipment.

8	Steam Fire Engines.	6	Telescopic Fire Escapes.
9	Manual do.	1	Brake.
16	Hose reels.	15	Horses.
7	Tender carts.		

291 lengths of delivery hose, comprising 17,460 feet, and other necessary appliances.

185. The estimated damage to property by fire and water during the year was Rs. 19,98,464.

186. The accompanying table gives the number of fires and estimated loss during the year under report as compared with the preceding year :—

	Serious Fires.	Slight Fires.	Total	Estimated loss.
1897-98...	23	113	136	Rs. 19,98,464
1896-97...	16	106	122	„ 18,75,662

187. The most destructive fire during the year occurred on the 3rd March at the Mazagon Spinning and Weaving Mill, Reay Road. Property to the estimated extent of Rs. 10,00,000 was destroyed. The whole strength of the Brigade and its appliances was utilized in its suppression supplemented by the Mill appliances. On April 12th, at Baroda Street, a large godown and contents were severely damaged by fire, the estimated loss being Rs. 37,500. On May 17th an alarming fire occurred at Lohar Chawl Street where two dwelling houses, owned by Mr. Wassanji Khimji, were severely damaged by fire, the estimated amount being Rs. 15,120. On September 20th the Framji Petit Spinning and Weaving Mill, Mazagon Road, sustained loss by fire to the extent of Rs. 5,00,000.

188. On the 19th February the Modikhana Segregation Camp was damaged by fire to the extent of Rs. 11,150.

189. A comparative list of fires during the past five years is given below :—

Year.	Number of Fires.	Value of property destroyed.
1893-94...	120	Rs. 6,77,128
1894-95...	97	„ 2,25,445
1895-96...	130	„ 20,41,571
1896-97...	122	„ 18,75,662
1897-98...	136	„ 19,98,464

PUBLIC GARDENS.

190. The following public gardens continued to be maintained :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Gardens.
(*c*) Northbrook Gardens.
(*d*) Malabar Hill Garden.
(*e*) Bazar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dicks Tank Garden.
(*h*) Garden on the Flats.
(*i*) Municipal Office Garden.
(*j*) Sir Cowasji Jehangir Garden at Mahim.

191. The plague caused some further delay in the carrying out of irrigation and drainage works and considerably affected the number of visitors, the total number for the year under report being 7,62,811 against 10,71,929 the previous year, thus showing a diminution of over 3 lakhs.

192. The Clock Tower was struck by lightning during a storm, but the damage has since been repaired and a lightning conductor added.

193. The Refreshment Room remained unoccupied during the greater part of the year. It may be found advisable to reduce the rent.

194. Owing to the continued difficulty of procuring good gardeners the work of maintaining the garden was more difficult than it would otherwise have been.

195. Numerous specimens have been added to the Horticultural Section by purchase and the Zoological collection has also been increased by gift and purchase.

196. The other gardens have been maintained in good order as usual, and road-side trees duly attended to.

VICTORIA AND ALBERT MUSEUM.

197. Some additions were made to various sections of the Museum, especially in the Entomological and Ornithological Departments and specimens prepared for exhibition.

198. The Museum was open to the public for 314 days during the year and the number of visitors was 641,500 as against 584,865 during the previous year, showing a daily average of 2,042.

199. The number of visitors for the past five years is shown below :—

Year.	No. of Visitors.	Daily average.
1893-94	553,489	1,779
1894-95	685,047	2,188
1895-96	749,299	2,378
1896-97	584,865	1,874
1897-98	641,500	2,042

VI. Public Health.

200. The state of the public health during the year under review was very unsatisfactory. The mortality was 14,445 more than in the preceding year.

201. The total number of deaths from all causes amounted to 47,896 equal to a death-rate of 58·28 per 1,000 of population, calculated on a population of 821,764 (census of 1891). The average number of deaths for the previous five years amounted to 28,609, or a death-rate of 34·81 per 1,000 of population.

202. The number and causes of deaths in the city during the last five years are shown in the following table:—

RETURN showing the Number of Deaths and the Death-rate per 1,000 of Population from Different Causes during the last Five Years.

YEARS.	Total number of deaths.	Per 1,000 of population.	Cholera.	Per 1,000 of population.	Small-pox.	Per 1,000 of population.	Measles.	Per 1,000 of population.	Fever.	Per 1,000 of population.	Phthisis.	Per 1,000 of population.	Diseases of the Nervous System.	Per 1,000 of population.	Diseases of the Respiratory System.	Per 1,000 of population.	Diarrhœa.	Per 1,000 of population.	Dysentery.	Per 1,000 of population.	Accidents.	Per 1,000 of population.	Other causes.	Per 1,000 of population.	Plague.	Per 1,000 of population.
1893	33,142	28·16	147	·78	201	·24	289	·35	5,844	7·11	3,227	4·05	2,084	2·54	4,551	5·54	1,173	1·43	525	·64	458	·55	4,548	5·53	..	..
1894	27,830	23·25	426	·53	531	·64	787	·96	6,468	7·88	3,558	4·37	2,399	2·92	8,385	6·55	1,598	1·94	746	·91	390	·47	5,022	6·11	..	..
1895	26,081	20·52	90	·11	270	·33	544	·66	6,404	7·79	3,610	4·39	2,044	2·49	4,665	5·66	1,188	1·45	625	·76	488	·59	5,253	6·39	..	..
1896	33,451	40·71	490	·60	701	·85	241	·29	8,776	10·68	4,809	5·85	2,372	2·78	5,334	6·49	1,613	1·96	787	·90	487	·60	6,055	7·37	1,936	2·35
1897	47,896	58·28	1,305	1·54	57	·07	309	·44	6,931	8·46	5,927	7·21	2,141	2·60	7,857	9·56	1,869	2·27	1,683	2·05	520	·63	8,265	10·06	11,003	13·39
Total ..	166,900	190·93	2,418	2·95	1,760	2·13	2,220	2·70	34,423	41·90	21,181	25·87	10,940	13·31	27,692	33·70	7,441	9·05	4,815	5·86	2,338	2·84	29,143	35·46	12,939	15·75
Average of five years	31,380	38·18	483	·59	352	·43	444	·54	6,887	8·38	4,236	5·17	2,188	2·66	5,538	6·74	1,488	1·81	963	1·05	468	·57	5,829	7·09	2,588	*7·87

* For two years only.

203. The number of deaths according to place of birth was as follows:—

Born in Bombay	16,191
Born elsewhere and unknown	31,705

204. The sections of highest mortality were 2nd Nagpada 105·01, Kamathipura 97·86, Mahim 87·86, Parel 85·28, Byculla 80·71 and Tardeo 79·71, and the sections of lowest mortality were Water Division 3·25, Fort Southern 8·85, Esplanade 16·79 per 1,000 of population. The death-rate was highest amongst Negro-Africans, Lingaets, Hindu low-castes, Mussalmans and Budhists, being respectively 113·69, 109·69, 103·65, 72·77, 68·42 per 1,000 of population, and lowest amongst Europeans, Parsees, Brahmins, Eurasians, Jews, Bhatias, Jains and Native Christians, being respectively 18·77, 32·61, 38·72, 42·49, 44·01, 46·38, 51·57, 51·69 per 1,000 of population.

205. *Cholera.*—The numbers of deaths from cholera was 1,265, being 775 more than in the preceding year. The sections of the greatest mortality were Byculla, Tarwady, Parel, Mahim, Worlee, 1st Nagpada, Middle and Lower Colaba, being 3·50, 3·33, 3·13, 2·97, 2·74, 2·60 and 2·42 per 1,000 of population. The highest death-rate by caste was amongst Hindu low-castes, Native Christians, Lingacts, Brahmins, Jains, Mussalmans and Jews.

206. *Small-pox.*—The deaths from small-pox were 57, being 644 less than in the preceding year. The rate of mortality was highest amongst Hindu low-castes and Mussalmans. The mortality was highest in 1st Nagpada, Kamathipura, 2nd Nagpada and Byculla.

207. *Measles.*—There were 359 deaths from measles, being 118 more than in the last year. Of these, 274 occurred in the first four years of life. The highest mortality was amongst Hindu low-castes and Mussalmans. The death-rate was highest in 2nd Nagpada, Byculla, Tardeo, Kumbharwada, Khara Talao and Kamathipura.

208. *Fevers.*—There were 6,951 deaths from fevers, being 1,825 less than in the last year. The death-rate was highest in the districts of Parel, Sewree, Kamathipura,

2nd Nagpada, Byculla, Tardeo and Mahim. The greatest mortality was amongst Negro-Africans, Hindu low-castes, Budhists, Mussalmans, Lingaets and Hindus of other castes.

209. *Leprosy.*—There were 63 deaths from leprosy, being 9 more than in the preceding year.

210. *Plague.*—There were 11,003 deaths from Plague. Detailed particulars of this disease have been given by the Executive Health Officer in his report.

211. Of the dead, 22,818 were burnt, 24,812 were buried, and 1,634 were conveyed to the Towers of Silence. This is inclusive of 1,368 still-born.

212. The number of births registered, exclusive of still-born was 9,336, or 6,554 less than in the last year. Of these, 4,903 were males and 4,433 females. The diminution in the number of births was probably due to the exodus of people on account of the prevalence of the plague. Excluding Negro-Africans, the birth-rate was highest amongst Hindu low-castes, Jews, Parsees and Eurasians. The sections giving the highest birth-rate were Mahim, Byculla, Upper Colaba, 2nd Nagpada, Khetwady, Fort Northern, Tardeo, 1st Nagpada, Mazagon and Worlee.

213. On an average 4,505·9 men and women, 1,016 scavengering and drain carts, and 208·66 night-soil and cesspool carts were at work each day. 404,284·88 tons of garbage, equal to 1,107·63 tons a day, were collected, removed and disposed of against 326,552·20 tons in 1896. The Health Department had to remove an enormous amount of grain refuse and other materials condemned during the plague operations. 156,057·09 tons of night-soil, equal to 427·55 tons a day, were collected and removed against 160,670·30 in 1896. 173·6 miles of covered drains were opened and cleaned against 191·6 in 1896. There were 13 horses and 2,290 bullocks in the charge of the department, and of these 135 bullocks died and 202 were cast and sent to Pinjrapole. There were no casualties amongst the horses. 5,077 notices and 2,489 summonses were issued against 5,507 notices and 2,650 summonses in 1896.

LICENSES.

214. The total revenue collected on account of license fees during the year amounted to Rs. 63,741-8-0 as against Rs. 56,462-8-0 the preceding year, thus showing considerable improvement.

215. The following statement shows the amounts collected and the number of licenses granted during the past five years :—

Year.	No. of Licenses issued.	Amounts collected.
		Rs. a. p.
1893-94	5,407	60,507 8 0
1894-95	5,701	63,914 8 0
1895-96	5,880	65,048 8 0
1896-97	5,130	56,462 8 0
1897-98	5,750	63,741 8 0

216. The department continues to work satisfactorily.

MARKETS.

217. The total revenue from Markets and Slaughter-houses was Rs. 3,74,002-2-0 against Rs. 3,95,440-13-6 in the preceding year, giving a net decrease of Rs. 21,438-11-6.

218. The principal cause of this decline was the falling off of Rs. 11,300 in the fair ground rent and feeding fees at Bandora. There was also a net decrease of Rs. 4,700-8-0 in the amount of market fees. This decrease would have been greater on account of the abatement of Rs. 9,192 granted to the stall-holders in consideration of the loss sustained by them owing to the depressed condition of the trade due to the prevalence of the plague, but for the high bids for the pens at the DeLisle Road Sheep Market and the stalls in the new Bhuleshwar Market.

219. The following table shows for the last five years the number of animals slaughtered at the Bandora Slaughter-Houses and in Bombay for Public and Commissariat consumption exclusive of the local supply to Bandora :—

Year.	Horned Cattle.	Sheep & Goats.	Pigs.
1893-94	35,456	487,515	95
1894-95	35,614	514,753	871
1895-96	38,296	521,731	821
1896-97	39,659	474,469	61
1897-98	33,661	533,860	614

220. The appended statement shows the number of animals taken from the Municipal Slaughter-Houses for private slaughter since 1893-94 :—

Year.	Horned Cattle.	Sheep and Goats.
1893-94	328	33,167
1894-95	250	32,643
1895-96	323	30,731
1896-97	358	5,406
1897-98	128	6,381

221. Nearly fifty-four tons of unwholesome food were destroyed during the year under report as in the year 1896-97, the major part of it consisted of mutton and beef.

222. The supply of fruit and vegetables was plentiful and cheap, and the supply of mutton and beef was also fairly good.

223. There were 150 prosecutions instituted under the several sections of the Municipal Act and the Market By-laws, in 138 of which the parties were fined and in 12 cases they were warned and discharged.

224. The new Bhuleshwar Market was completed and occupied on 1st May 1897.

225. Owing to the plague epidemic the Superintendent of Markets had great difficulty as in the previous year in keeping the stall-holders in hand, and the Commissioner considers that officer deserving of warm commendation as well as the superior staff.

STREET ACCIDENTS.

226. The number of persons injured and killed in the streets was as follows :—

Injured	370
Killed	17

227. The greater part of these accidents occurred in the thoroughfares mentioned below :—

Esplanade Road ...	6	Shaik Memon Street ...	7
Queen's Road	9	Girgam Road	12
Frere Road	7	Duncan Road	10
Musjid Bunder Road ...	10	Falkland Road	9
Nagdevi Street	8	Grant Road	10
Abdool Rehman Street...	13	Parel Road	11
Bhendi Bazaar Road ...	17	Bellasis Road	12
Kalbadevi Road ...	10	DeLisle Road	9
Erskine Road	7		

228. The number of street accidents for the past five years is as follows :—

Year.	No. injured.	No. killed.	Total.
1893-94	620	19	639
1894-95	569	22	591
1895-96	523	28	551
1896-97	463	25	488
1897-98	370	17	387

VII.—Education.

229. The actual receipts and expenditure on Municipal Primary Schools for the year 1897-98, were as follows :—

No.	Receipts.	Amount. Rs. a. p.	No.	Expenditure.	Amount. Rs. a. p.
				A.—Schools.	
1	Balance on the 1st April 1897	48,499 7 1	1	Head Masters and Teachers ...	54,329 4 6
2	Government Grants to Primary Education and Inspection	42,666 0 0	2	Servants	1,400 8 7
			3	Rent	27,389 13 7
3	Fees from Municipal Schools	11,497 14 0	4	Cost of Class Books...	459 4 6
4	Contribution from the General Municipal Fund	72,478 0 0	5	School Furniture	4,704 5 6
			6	Prizes	946 14 6
5	Government Grant-in-aid towards Buildings...	.....	7	Contingencies and Miscellaneous ...	2,935 12 3
			8	Scholarships in Schools	234 4 2
6	Interest on Endowments or Investments..	523 11 0	9	Stipends of Students under training as Vernacular Teachers	1,171 11 1
7	Miscellaneous	.....	10	Inspectors' Establishment...	7,850 0 7
			11	Grants-in-aid to Primary Schools ...	20,991 0 3
				B.—Buildings.	
			1	Municipal Original Works...	.....
			2	Repairs to Municipal School Houses ...	129 13 7
				Balance on 31st March 1898 ...	53,122 3 0
	Total Rupees ...	1,75,665 0 1		Total Rupees ...	1,75,665 0 1

230. The Government contribution was the same as the previous year, namely, Rs. 42,666 ; the Municipal grant being Rs. 72,478 as against Rs. 59,135 the previous year. A decrease in the income from fees occurred, the amount for the year under report being Rs. 11,497 as against Rs. 17,111 the preceding year. This was due to the diminished attendance, an inevitable consequence of the recrudescence of plague. A fair average attendance was, however, maintained in the Urdu schools.

231. The working balance at the beginning of the year was Rs. 48,499. The total receipts for the year amounted to Rs. 1,27,165 as against Rs. 1,19,435 for the previous year, while the total expenditure was Rs. 1,22,542 as against Rs. 1,27,731 for the year before. The expenditure was considerably less than the estimate, as school and other charges were greatly diminished owing to the prevalence of plague. A statement will be found attached to the Committee's report, showing the number of scholars on the rolls of the several schools. There was even a greater falling off in the number than in the previous year, which was doubtless due to the epidemic, and very little information can be gathered from a comparison of the numbers.

232. The following new schools were opened during the year :—

Marathi.

1. Sion School.
2. Crawford Market Nerashrit School (for low-castes).
3. Dadar Girls' School.
4. Mahim Girls' School.

Urdu.

1. Kassab Moholla School.
2. Khara Talao School.
3. Nacoda Moholla School.

233. The number of aided schools has declined from 95 in 1896-97 to 85 in the year under report, most of them having dropped out of existence in consequence of the plague.

234. Much difficulty continues to be experienced in providing suitable housing for the schools, especially in crowded localities; it is hoped, however, that before long some satisfactory solution of the difficulty may be discovered.

235. Death played sad havoc again amongst the teachers, seventeen of whom, including four head-masters and one head-mistress, died during the year. Four of this number are reported to have succumbed to plague.

236. The Commissioner regrets the delay in the submission of this report. It has been due to the heavy str[illegible] upon several of the departments in consequence of the plag[illegible]

W. L. HARVEY,

Acting Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT

FOR 1897-98.

Contents.

	PAGES.
Introductory Remarks	71 & 72
Income	72-80
Expenditure (including Lapsed Grants and Savings)	80-104
Surplus Cash Balance	104-109
Interest and Sinking Fund on Loans	109
Town Duty	75, 79, 109 & 110
Loan Works Expenditure	110-129
Plague Expenditure	130 & 131
Liabilities	131 & 132
Assets	132-137
Comparison of Assets and Liabilities	138
Water Works Account	138 & 139
Stores	139-142
Workshops	142-144
Raising of Loans	144 & 145
General	145-148
Personal	148

FINANCIAL.

REPORT OF MR. W. E. WAITE, Chief Accountant, for the financial year 1897-98, as forwarded with his No. 4724 of 7th October 1898.

I have the honour to submit my annual report on the income and expenditure of this Municipality for the financial year 1897-98.

2. The year opened brightly with an unappropriated surplus cash balance of Rs. 13,03,549-11-5, with an estimated expenditure on revenue account only slightly in excess of the income to be applied to revenue purposes, with no misgivings as to the raising of our loans, and with a hope that the expenditure on plague operations would not hamper our resources materially. It closed with a surplus cash balance reduced to Rs. 2,25,501-12-11, with a failure to raise the required loans except by temporary expedients, and with the plague expenditure swelled to the enormous figure of Rs. 24,76,616-2-9.

3. The general results of the year are shown in the subjoined table, which contrasts the actual opening balance, the income and the expenditure with the Budget Estimates under these heads :—

Particulars.	Estimate.	Actuals.	More than Estimate.	Less than Estimate.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance	20,25,000 0 0	20,74,712 8 4	49,712 8 4	.....
Income.....	67,90,100 0 0	71,45,560 8 5	3,55,460 8 5	.....
Expenditure—				
Original Estimate...	69,19,495 0 0	.....	.....	.....
Amended estimate per Statement B.	84,41,310 11 8	74,96,969 2 10	.....	9,44,341 8 10

The opening balance of Rs. 20,74,712-3-4 excludes sums advanced to the extent of Rs. 9,01,840-12-6 for Reserve Stock, but includes a sum of Rs. 6,71,162-7-11 already hypothecated for works but which remained unspent at the close of 1896-97. Allowing for this hypothecation the net opening balance is reduced to Rs. 14,03,549-11-5 or Rs. 6,21,450-4-7 less than the Estimate. This deficit was allowed for in arriving at the estimated opening balance for 1898-99, as will be seen on a reference to the Introductory remarks on page i of the Budget for that year.

As an indication of the fluctuating character of the Revenue it might be mentioned that the gross Income realized, amounting to Rs. 71,45,560-8-5, exceeded the Budget Estimate only by reason of recoveries of outstandings for previous years aggregating 2¾ lakhs and owing to a rebate of Rs. 4,37,055-0-1 to current revenue in respect of plague expenses met from revenue in 1896-97. But for these additions to our income the revenue would have shown a large falling off. Out of the excess realization of Rs. 3,55,460-8-5 over the Budget Estimate, Rs. 2,98,055-0-1 have been taken credit for while preparing the Budget Estimate for 1898-99.

Of the total lapse in expenditure of Rs. 9,44,341-8-10, Rs. 5,83,509-8-1 represent allotments made for outlay which are to be renewed in 1898-99. Of the balance of the lapse amounting to Rs. 3,60,832-0-9 a saving of Rs. 1,84,000 was anticipated before the close of the year and taken credit for in arriving at the opening balance for the year 1898-99 when preparing the Budget Estimate for that year.

The variations between actuals and the budget estimate of income and expenditure are dealt with in detail in the following paragraphs.

INCOME.

A. *Comparison between Actuals and the Budget Estimate.*

4. The anticipated income for the year, as budgetted for, was Rs. 67,90,100. Excluding the rebate on account of plague expenses, the amount actually realised and credited to the Municipal revenues was Rs. 67,08,505-8-4, thus showing a falling off of Rs. 81,594-7-8.

The factors which compose this net decrease are to be found in the annexed statement A-1.

A-1.

STATEMENT showing the Net Receipts during the Financial Year 1897-98 from all Sources contrasted with the Budget Estimate.

PARTICULARS.	Actuals for 1896-97.	Budget Estimate for 1897-98.	Actuals for 1897-98.	More than Estimate.	Less than Estimate.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax at 8 per cent. (including Government and Fort Trust contributions)	17,45,828 11 4	18,27,765	19,35,325 3 10	1,07,560 3 10	.....
Additional at ½ per cent. for Fire Brigade charges	1,09,137 9 8	1,14,235	1,20,960 14 1	6,725 14 1	.....
Rs.	18,54,966 5 0	19,42,000	20,56,286 1 11	1,14,286 1 11	.....
Wheel Tax and Tolls	2,46,681 5 6	3,74,500	3,46,837 15 8	.....	27,662 0 9
Town Duties	6,45,143 12 4	9,13,000	9,51,424 1 1	38,424 1 1	.....
Licenses—					
(a) Dangerous and Offensive Trades	56,165 8 0	60,000	64,078 8 0	4,078 8 0	.....
(b) Streets and Buildings	3,055 0 0	3,400	3,240 0 0	.....	160 0 0
(c) Land Conveyance, Music, &c., Licenses	14,864 14 0	25,600	21,344 4 0	.....	4,255 12 0
Receipts from Government for Liquor Licenses	1,43,750 0 0	1,43,750	1,43,750 0 0	.....	.....
Do. do. for Tobacco Duty	1,82,867 4 3	2,07,250	1,89,323 6 9	.....	17,926 9 3
Halalkhore Tax	6,88,485 11 11	7,06,000	7,35,485 4 7	29,485 4 7	.....
Water Tax and other Misc. Water Works Revenue	13,98,410 0 2	14,67,000	13,29,851 15 7	.....	1,37,148 0 5
Market Receipts	3,76,808 5 10	3,88,000	3,47,537 11 9	.....	40,462 4 3
Public Gardens	7,740 2 0	8,000	5,589 10 1	.....	2,410 5 11
Tramway Rent	47,427 8 4	48,500	49,025 15 4	525 15 4	.....
Miscellaneous Fines	11,509 15 3	11,000	8,686 7 8	.....	2,313 8 9
Do. Receipts	1,18,678 8 8	1,30,000	1,44,971 8 0	14,971 8 0	.....
Do. Fees	40,665 15 9	50,000	31,283 11 2	.....	18,716 4 10
Do. Savings	5,196 11 10	8,500	12,420 7 8	3,920 7 8	.....
Contribution from Municipal Servants towards Pension, &c., Fund	19,653 12 10	20,000	18,963 8 2	.....	1,036 12 10
Interest and Profit on Investments of Surplus Loan and other Balances	1,99,256 1 7	1,50,000	1,29,643 11 0	.....	20,356 5 0
Actual Profit on Sale of Stores to Contractors, &c.	8,447 1 4	5,000	7,168 9 10	2,168 9 10	.....
Carried over ...	60,69,769 0 7	66,56,500	65,96,912 3 5	2,12,360 3 5	2,72,148 0 0

Particulars.	Actuals for 1896-97.	Budget Estimate for 1897-98.	Actuals for 1897-98.	More than Estimate.	Less than Estimate.	
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward...	60,69,769 0 7	66,56,500	65 96,912 3 5	2 12,860 3 5	2,72,448 0 0	
Sale Proceeds of Unserviceable Tools and Plant, &c ...	1,811 13 9	5,000	.....	.....	5,000 0 0	
Profit on Municipal Workshops	9,061 12 8	.....	1,151 3 4	1,151 3 4	.....	
	60,80,642 10 7	66,61,500	65,98,063 6 9	2,14,011 6 9	2,77,448 0 0	
Interest on 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments	63,734 8 0	75,600	76,963 10 2	1,363 10 2	.....	
Interest on Municipal Buildings Fire Insurance Fund Investment	1,118 8 0	1,290	1,356 0 10	66 0 10	.....	
Interest on Worn-out Water Mains Renewal Fund Investment	12,957 1 6	14,900	15,768 9 8	868 9 8	.....	
Interest on the Investment of the Net Premia, &c., Fund	13,343 1 7	15,580	*15,376 6 10	.....	203 9 2	
Do. do. School Building Fund.	.....	1,230	977 6 1	.....	252 9 11	
	91,153 3 1	1,08,600	1,10,442 1 7	2,298 4 8	456 3 1	
Net Premia received on the 1st Instalment of Rs. 10 Lakhs of the 15¾ Lakhs Loan raised in 1896-97	37,181 13 6	.. ...	.....	.....	.....	
Net Premia on the 2nd Instalment of Rs. 5¾ Lakhs of the 15¾ Lakhs Loans intended to be raised in 1897-98	.....	20,000	.....	.....	20,000 0 0	
	1,28,635 0 7	1,28,600	1,10,442 1 7	2,298 4 8	20,456 3 1	
	62,08,977 11 2	67,90,100	67,08,505 8 4	2,16,309 11 5	2,97,904 3 1	= Rs. 81,594-7-8 net decrease.
Rebate to Current Revenue on account of Plague expenses paid from Revenue in 1896-97	.....	.....	4,37,055 0 1	4,37,055 0 1	.....	
Grand Total...Rs.	62,08,977 11 2	67,90,100	71,45,560 8 5	6,53,364 11 6	2,97,904 3 *1	
Less				2,97,904 3 1		
Net Increase				3,55,460 8 5		

* Includes Rs. 5,869-4-3 received on W[illegible]rks portion of the Net Premia, &c., Fund [illegible].

5. The causes contributing to the more important variations are subjoined.

(1) *General Tax.*—Of the increase of Rs. 1,14,286-1-11 under this head, Rs. 79,090-5-11 is due to the outstanding of Rs. 1,14,895-12-11 at the end of 1896-97 having been reduced at the close of 1897-98 to Rs. 35,805-7-0. The balance of Rs. 35,195-12-0 is attributable partly to a decrease of nearly Rs. 14,000 in the estimated amount of refunds and partly to an unanticipated expansion in revenue of nearly Rs. 21,000.

(2) *Wheel Tax and Tolls.*—As in 1896-97, so in the official year under review, there has been a decrease, the estimated revenue having fallen short by Rs. 27,662-0-9. A reduction in the outstanding balance from Rs. 16,282-13-3 at close of 1896-97 to Rs. 6,550-2-3 on 31st March 1898 contributed to the extent of Rs. 9,732-11-0 towards counterbalancing the deficiency. The actual decrease for the year thus amounted to Rs. 37,394-11-9, which is accounted for by a considerable falling off in the revenue derived from the tax on private vehicles and animals, consequent on the plague.

(3) *Town Duties.*—The realisations under this head were Rs. 38,424-1-1 more than the Budget Estimate. Heavy imports of sugar are mainly responsible for the increase.

(4) *Receipt from Government for Tobacco Duty.*—I can attribute the decrease of Rs. 17,926-9-3 in this source of revenue to no other cause than the general stagnation in trade consequent on the combined effects of plague and famine.

(5) *Halalkhor Tax.*—A reduction in the outstanding balance from Rs. 73,055-0-11 at the close of 1896-97 to Rs. 22,551-12-6 at the close of 1897-98 augmented the receipts under this head by Rs. 50,503-4-5. This increase was, however, counterbalanced by a decrease in the special Halalkor Tax on Mills, consequent on a smaller number of hands having been employed in the different mills during the year, and the net result was an increase of only Rs. 29,485-4-7.

(6) *Water Tax and other Miscellaneous Water Works Revenue*—The decrease of Rs. 1,37,148-0-5 under this head is for the major part a nominal one. It would have been much heavier but for the reduction during the year from Rs. 1,06,938-7-9 to Rs. 42,192-15-5, of outstanding claims. This swelled the revenues to the extent of Rs. 64,745-8-4 and reduced the actual deficiency in the revenue of the year to Rs. 1,37,148-0-5.

Though the effect of plague on the mill industry diminished the consumption of water by mills by about Rs. 30,000, it is to the effect of the resolution of the Standing Committee, No. 1644 of the 12th May 1897, that we are to look for the reason of the *nominal* reduction in our water revenue of about Rs. 1,75,000.

Under the terms of this resolution bills for water supplied by meter were not prepared for the *quarter* ending *31st December 1898*, but for the *half year* ending *31st March 1898*, thus deferring till the year 1898-99 the collections for the third quarter of the official year, which aggregate about Rs. 1,75,000.

(7) *Market Receipts.*—The effects of plague are visible in this source of revenue also, showing as it does a falling off on the Budget estimate

of Rs. 40,462-4-3. Decreases in " Stall rents," " Squatters' fees," " Fair ground " and " Slaughter fees " are entirely responsible for the large diminution in the anticipated income.

(8) *Miscellaneous Receipts.*—The increase of Rs. 14,971-3-0 under this head is due principally to sales of land at Mint Road and Fergusson Road, which were not expected when preparing the Budget Estimate.

(9) *Miscellaneous Fees.*—I have no doubt that this source of revenue was seriously affected by the plague, the receipt being Rs. 18,716-4-10 lower on an estimate of Rs. 50,000 only.

The income receivable through the Executive Engineer for fees for projecting verandahs, balconies &c., for scaffoldings, and for occupying public roads fell off by Rs. 12,018-6-4.

The contract for skinning dead animals realised only Rs. 3,0[illegible] against an estimate of Rs. 9,000, consequent on the stagnation in the hide trade.

(10) *Miscellaneous Savings.*—Increases or decreases under this head are variable items of revenue depending upon the extent to which wages are appropriated owing to their being time-barred. Plague, no doubt, increased the sum of such unclaimed wages owing either to the death or the continued absence of employés.

(11) *Interest and Profit on Surplus Loan and other Balances.*—The decrease of Rs. 20,356-5-0 is due to the heavy drain on our resources for the purposes of financing plague expenditure which did not allow of investments to the extent anticipated when framing the Budget estimate.

(12) *Actual Profit on Sale of Stores to Contractors.*—There is an increase of Rs. 2,168-9-10. This is a variable item of income depending on the demands made for stores by contractors.

(13) *Sale Proceeds of Unserviceable Stores.*—The absence of any receipts on this account and the consequent decrease of Rs. 5,000 is due to the auction sale receipts having come to hand on the 2nd April or after the close of the official year.

(14) *Net Premia on Loans.*—The growing favor shown to Municipal Loans no doubt prompted the insertion of a probable receipt of Rs. 20,000 on account of premium on the 5¾ lakhs of the 15¾ lakhs loan to be raised in 1897-98.

This expectation was not realised owing to the unsatisfactory state of the money market, in consequence of which it was not thought advisable to approach the public, and hence the deficiency of Rs. 20,000.

(15) *Rebate to Current Revenue on account of Plague Expenses incurred in* 1896-97.—The sum of Rs. 4,37,055-0-1, by which the revenues of the Municipality were increased as compared with the Budget estimate is of the nature of a book-entry. It was anticipated that a loan of 20 lakhs of rupees would suffice to finance all plague operations, and a temporary loan to this extent was accordingly arranged for. Rs. 4,37,055-0-1 having been expended in 1896-97 from current revenue on " plague " account, a rebate was allowed to current revenue in 1897-98 in view of the loan of 20 lakhs which was sanctioned to be raised. The rebate could not be provided for in the Budget estimate, as at that time our ideas as to the probable outlay on plague operations were nebulous in the extreme.

A-2.

STATEMENT showing the Net Receipts during the Financial year 1897-98 *from all sources contrasted with the Revised Estimate for that year appended to the Budget for* 1898-99.

PARTICULARS.	Revised Estimate for 1897-98.	Actuals for 1897-98.	More than Revised Estimate.	Less than Revised Estimate.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax at 8 per cent. (including Government and Port Trust contributions)	19,56,573 0 0	19,35,325 8 10	.....	21,247 12 2
Additional at ½ per cent. for Fire Brigade charges	1,22,285 0 0	1,20,960 14 1	.....	1,324 1 11
Rs. ...	20,78,858 0 0	20,56,286 1 11	.....	22,571 14 1
Wheel Tax and Tolls	3,42,478 0 0	3,46,837 15 3	4,359 15 3	.....
Town Duties	8,05,000 0 0	9,51,424 1 1	1,46,424 1 1	.....
Licenses—				
(a) Dangerous and Offensive Trades	60,500 0 0	64,078 8 0	3,578 8 0	.....
(b) Streets and Buildings	3,400 0 0	3,240 0 0	.....	160 0 0
(c) Land conveyance, Music, &c., Licenses	22,410 0 0	21,344 4 0	.....	1,065 12 0
Receipts from Government for Liquor Licenses	1,43,750 0 0	1,43,750 0 0	.....	.....
Do. do. for Tobacco Duty	2,00,500 0 0	1,89,323 6 9	.....	11,176 9 3
Halalkhore Tax	7,81,358 0 0	7,35,485 4 7	.....	45,872 11 5
Water Tax and other Misc. Water Works Revenue	13,73,302 0 0	13,29,851 15 7	.....	43,450 0 5
Market Receipts	3,54,700 0 0	3,47,537 11 9	.....	7,162 4 3
Public Gardens	7,600 0 0	5,589 10 1	.....	2,010 5 11
Tramway Rent	49,026 0 0	49,025 15 4	.....	0 0 8
Miscellaneous Fines	8,000 0 0	8,686 7 8	686 7 8	.....
Do. Receipts	1,30,800 0 0	1,44,971 8 0	14,171 8 0	.....
Do. Fees	42,924 0 0	31,283 11 2	.....	11,640 4 10
Do. Savings	3,500 0 0	12,420 7 8	8,920 7 8	.....
Contribution from Municipal Servants towards Pension, &c., Fund	20,000 0 0	18,963 8 2	.....	1,036 12 10
Carried over ...	64,28,106 0 0	64,60,099 14 7	1,78,140 10 8	1,46,146 11 8

Particulars.	Revised Estimate for 1897-98.	Actuals for 1897-98	More than Revised Estimate.	Less than Revised Estimate.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...	64,28,106 0 0	64,60,099 14 7	1,78,140 10 8	1,46,146 11 8
Interest and Profit on Investments of Surplus Loan and other Balances	1,16,580 0 0	1,29,643 11 0	13,063 11 0	.....
Actual Profit on Sale of Stores to Contractors, &c.	5,000 0 0	7,168 9 10	2,168 9 10	.....
Sale Proceeds of Unserviceable Tools and Plant, &c.	2,000 0 0	.....	.....	2,000 0 0
Profit on Municipal Workshops	.....	1,151 8 4	1,151 8 4	.....
	65,51,686 0 0	65,98,063 6 9	1,94,524 2 5	1,48,146 11 8
Interest on 5 per cent., 4 per cent., and 3½ per cent. Municipal Loans Sinking Fund Investments	77,000 0 0	76,963 10 2	.....	36 5 10
Interest on Municipal Buildings Fire Insurance Fund Investment	1,320 0 0	1,356 0 10	36 0 10	.....
Interest on Worn-out Water Mains Renewal Fund Investment	15,490 0 0	15,768 9 8	278 9 8	.....
Interest on the Investment of the Net Premia, &c., Fund.	15,382 0 0	* 15,376 6 10	.....	5 9 2
Interest on the School Building Fund Investment	978 0 0	977 6 1	.....	0 9 11
	1,10,170 0 0	1,10,442 1 7	314 10 6	42 8 11
	66,61,856 0 0	67,08,505 8 4	1,94,838 12 11	1,48,189 4 7
Rebate to current revenue on account of Plague expenses paid from revenue in 1896-97	4,37,055 0 1	4,37,055 0 1	.....	.....
Grand Total.....Rs.	70,98,911 0 1	71,45,560 8 5	1,94,838 12 11	1,48,189 4 7
Less...			1,48,189 4 7	
Net Increase...			46,649 8	

* Includes Rs. 3,869-4-3 received on the Water Works portion of the Net Premia, &c., Fund Investment.

B.—Comparison between Actuals and the Revised Estimate.

6. From the foregoing statement A-2, which I have thought it advisable to introduce into the report of this department for the first time, it will be seen that, as compared with the revised estimate of income of Rs. 70,98,911-0-1, the actual realizations aggregated Rs. 71,45,560-8-5, thus showing an increase of Rs. 46,649-8-4 or ·66 per cent. on the revised estimate.

This result is mainly due to the combined effects of an unexpected rise in the receipts from Town Duties, and a falling-off in the income derivable from "Taxation Proper" and the taxes for "Service rendered."

The more important variations are dealt with below:—

(1) *General Tax.*—The decrease of Rs. 22,571-14-1 in this source of income is noticed only for the reason that it is one of our most reliable items of revenue. The falling-off is such as might occur at any time, but more particularly during the present times of depression.

(2) *Town Duties.*—The increase of Rs. 1,46,424-1-1 under this head is an accession to our revenues as welcome as it was unexpected. But I am doubtful if it can be looked upon as revenue which it would be justifiable to appropriate as a surplus. Generally speaking, variations in this source of revenue are "referable exclusively to corresponding expansion or diminution in each case in the volume of imports or exports." But when coupled with an expansion in the imports in one official year, the refunds for exports in the succeeding official year are heavier than the imports for such year warrant, there seems to me to be every justification for the assumption that the revenues have been but temporarily increased, and that it would not be sound, without further enquiry, to appropriate such a temporary increase for purposes other than the payment of refunds on the re-exportation of the articles.

The heavy increase in this source of revenue is attributable entirely to the duties levied, more specially in the last three months of the official year, on imports of "Sugar." The gross imports of this article alone realized the unprecedented figure of Rs. 9,55,112-8-0, whereas the refunds of the year aggregated only Rs. 6,01,627-8-0. With no change in the rate of the tax, the figures for the years 1894-95 and 1895-96 for Sugar were as follows :—

Year.	Imports.				Refunds.			
	Rs.	a.	p.		Rs.	a.	p.	
1894-95	... 8,11,000	4	6		5,85,103	2	0	
1895-96	... 8,15,934	11	3		6,06,007	0	0	

It will be seen that, compared with a net revenue of Rs. 3,53,485 during the official year 1897-98, the figures for the years 1894-95 and 1895-96 amount to Rs. 2,25,897-2-6 and Rs. 2,09,927-11-3 only respectively.

Viewing the abnormal increase during 1897-98 in conjunction with heavy refunds in the first four months of the official year 1898-99, amounting to Rs. 2,16,289-2-0, against realizations from imports of not even Rs. 1,75,000 in round numbers, it seems to me that the increased revenue during the year under review is to a great extent nominal, and that the revised estimate of Rs. 8,05,000 as much underestimates our actual revenue as the actuals of Rs. 9,51,424-1-1 overestimates it.

(3) *Halalkhor Tax.*—The decrease of Rs. 45,872-11-5 in this source of income is due partly to a falling-off in revenue from Mills consequent on a decrease in the numbers of mill-hands caused by the plague, and partly to reductions made in bills issued but subsequently recalled for modification.

(4) *Water Tax.*—To slackness in the mill industry and to depression in trade in general is attributable the rather heavy decrease of Rs. 43,450-0-5 under this head.

(5) *Interest and Profit on Investments of Surplus Loan and other Balances.*—The increase of Rs. 13,063-11-0 in this source of Revenue is the result of the high rates of interest prevailing from December 1897 to March 1898, which afforded an unexpected opportunity of lodging our surplus moneys at very remunerative rates.

(6) *General.*—The decreases of Rs. 11,176-9-3 in the revenue from Tobacco Duty, of Rs. 7,162-4-3 from Market Receipts, of Rs. 11,640-4-10 from Miscellaneous Fees, and the increases of Rs. 14,171-3-0 in Miscellaneous Receipts and Rs. 8,920-7-8 in Miscellaneous Savings, are deviations from the revised estimate, the causes for which are identical with those given for variations between the actuals and the budget estimates in para. 5 (4), 5 (7), 5 (8), 5 (9), and 5 (10) *ante* respectively.

EXPENDITURE.

7. From statement B* it will be seen that the Budget Estimate of expenditure as originally sanctioned by the Corporation under section 129 of the Municipal Act amounted to Rs. 69,19,495.

This figure was increased during the year by Rs. 15,21,815-11-8 as follows :—

		Rs.	a.	p.
(*a*)	Additional grants sanctioned by the Corporation under section 131 (1) of the Municipal Act ...	8,50,653	3	9
(*b*)	Additional grants sanctioned in respect of unexpended balances of grants for 1895-96 and previous years under section 131 (1) of the Municipal Act	1,02,358	13	3
(*c*)	Lapsed grants for 1896-97 renewed under section 132 of the Municipal Act	5,68,803	10	[illegible]
	Total Rs. ...	15,21,815	11	[illegible]

The amount allotted for expenditure during 1897-98 thus aggregated Rs. 84,41,310-11-8.

* *Vide* pages 64 to 89 of this Report.

Transfers aggregating Rs. 45,061-15-5 from one head to another were sanctioned by the Standing Committee under Section 133 of the Municipal Act to meet expenditure unprovided for in the budget estimate. This, however, did not in any way affect the amount of the total provision made for the year.

8. The principal items contributing towards the additional sanctioned grants of Rs. 8,50,653-3-9, alluded to above, are as follows :—

	Rs.	a.	p.
Interest for six months on the 1st Instalment of Rs. 9,00,000 of the 25 lakhs Loan	15,750	0	0
Grain compensation to Municipal employés ...	83,940	0	0
Purchase of additional bullocks for the Health Department	18,600	0	0
Purchase by the Drainage Department of the boiler house, portable engine house, shred lifter room, 10-inch centrifugal pumps and portable engine at Love Grove	15,600	0	0
Expenditure on the Infectious Diseases Hospital, Arthur Road	50,000	0	0
Congratulatory address to Her Imperial Majesty the Queen Empress on the occasion of the celebration of the Diamond Jubilee	5,000	0	0
Cost of producing electrolyzed sea-water	9,691	0	0
Salary of the Deputy Municipal Commissioner from 3rd March 1897 to 2nd March 1898	18,000	0	0
Grant for wood supplied free of charge for cremation purposes	14,675	0	0
Work in connection with the improvement of the Bandora Slaughter Houses	27,525	0	0
Compassionate allowance payable to the heirs of the late Chief Accountant, Mr. Sorabji Nowroji Cooper	14,400	0	0
Rent of land occupied by the Municipal Workshops.	5,500	0	0
Purchase of property at Duncan Road required for the line of the New Street in extension of Khara Street from Duncan Road to Khoja Street ...	8,000	0	0
Compassionate allowance to the children of the late Mr. Pherozshah Rustamji, First Assistant Assessor	5,646	8	7
Extra grant for stores and disinfectants for the Health Department	5,000	0	0
Grants for the suppression of the Plague	5,00,000	0	0
Rent of chawls belonging to Mr. Keshowji Kallianji	3,577	2	10
Salary of a teacher of sanitary engineering and plumbing in the Victoria Jubilee Technical Institute	3,000	0	0
Re-covering terrace of the Victoria and Albert Museum with patent stone	3,992	0	0
Grant to cover 11 months' salary of Khan Bahadur N. H. Choksey	3,905	0	0
Cost of connecting the Valpakady latrines with the new sewer laid there and of building two hopper night-soil depôts	3,494	0	0
Cost of measures adopted to deal with foot and mouth disease and rinderpest in cattle	3,053	12	0
Minor items below Rs. 3,000 each	32,303	12	4
Rs.	8,50,653	3	9

Dealing only with the main grants specified above it may be noted that plague, combined with famine, followed as it was by relapsing fever, necessitated grants aggregating nearly seven lakhs of rupees.

Sanitary improvements accounted for over Rs. 30,000, while compassionate allowances to the heirs of deceased employés amounted to over Rs. 20,000.

9. The sources from which the increased expenditure of Rs. 15,21,815-11-8 during 1897-98 over and above the Budget Estimate was proposed to be met are as follows :—

	Rs.		
Amount reserved from surplus cash balance per page 97 of the Chief Accountant's Administration Report for 1896-97 for payment of charges for and prior to 1896-97	6,71,162		
Amount reserved from surplus cash balance per page ii of the Introductory Remarks to the Budget for 1898-99	8,56,209	11	6
Total... Rs.	15,27,372	3	5

It may be noted that between the amount estimated as likely to be required for expenditure from the surplus cash balance and that actually set aside there is a difference of only Rs. 5,556-7-9.

10. The treatment above of renewed and additional grants voted from Revenue sources affords me an opportunity of bringing to notice what I consider to be a defect in the hitherto accepted methods of financing the expenditure of the Municipality.

Year after year in the past large sums have been set aside for purposes of expenditure from Revenue and as regularly year after year such grants have been renewed to a very considerable extent, owing presumably to its being impossible to spend during the year in which the grants are sanctioned the sums voted for expenditure. From the year 1892-93 to the year 1896-97 the following are the sums which remained unexpended at the close of each year and which had to be renewed for expenditure during subsequent years:—

Unexpended balance for	1892-93	renewed in	1893-94	Rs.	3,55,296
Do. do.	1893-94	do.	1894-95	„	5,12,460
Do. do.	1894-95	do.	1895-96	„	4,84,217
Do. do.	1895-96	do.	1896-97	„	4,80,048
Do. do.	1896 97	do.	1897-98	„	6,71,162

Under the present system money once voted is taken as spent. The result is that at no time can it be stated with even an approximation to accuracy what the expenditure during any year is likely to be, nor whether in view of large savings in the grants it would not be possible to so arrange the budget programme as to alleviate the burden of taxation or undertake from anticipated savings works of an emergent character.

It appears to me that under the present system, the task of ascertaining the financial position of the Municipality is rendered unnecessarily difficult, owing both to executive officers overestimating their requirements, and to a grant for a work or project voted from "surplus cash balance" or "savings" not being coupled with an intimation as to the extent to which expenditure is to be incurred during the year in which the grant is made.

Apart from the consideration that the present system causes wide variations between grants sanctioned and expenditure actually incurred, I do not think that it can for a moment be contended that if during the years 1892-93 to 1896-97 it could have been conjectured that these in grants would have occurred to the large extent noted above, the budget programme for the ensuing year would not have undergone some modification. The remedy, it seems to me, lies in requiring that executive officers shall state, at the time a grant is applied for a work not provided in the Budget Estimate, to what extent that grant will be utilized during the year. While then setting aside the full grant, credit could be taken in the budget and in our financial considerations generally for any sums not required during that year. In so far as "budget grants" are concerned, it should be possible for executive officers, by keeping in closer touch with expenditure, to estimate with greater accuracy than is done at present, what their revenue expenditure for the year is likely to be.

B.

CONTRASTED STATEMENT showing the Original Budget Grants for 1897-98, Additions, Transfers and the Grants as amended.

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1895-96 and previous years required for expenditure in 1897-98.	Lapsed Grants for 1896-97 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and (2).	Deduct Transfers as per Section 133 (1) *a* & *c*.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—							
Corporation and Standing Committee Establishment	58,682 0 0	.....	.....	895 8 2	A 1,640 0 0	T 1,802 0 0	59,415 8 2
Municipal Commissioner's Personal Office Establishment	54,116 0 0	18,000 0 0	.....	404 8 3	B 2,616 2 0	.....	75,136 10 3
General Office Establishment	35,625 0 0	300 0 0	.....	11,391 13 5	C 228 8 9	U 10 0 0	47,535 6 2
Accounts and Expenditure Audit Establishment	64,614 0 0	.....	.....	522 6 10	D 480 0 0	V 2,672 10 9	62,943 12 1
General Superintendence Total Rs.	2,13,037 0 0	18,300 0 0	.....	13,214 4 8	4,964 10 9	4,484 10 9	2,45,031 4 8
ASSESSMENT AND COLLECTION DEPARTMENT—							
Property and Wheel Tax Establishment	1,50,704 0 0	.....	.....	2,116 4 9	.....	W 480 0 0	1,52,340 4 9
Town Duty Collection	52,500 0 0	.....	.....	273 3 11	.....	.....	52,773 3 11
Tolls Collection	2,016 0 0	.....	.....	.....	.....	.....	2,016 0 0
Licensing Establishment	30,778 0 0	.....	.....	245 3 2	E 239 9 11	X 149 9 11	31,113 3 2
Revenue and Refund Audit Office Establishment	25,944 0 0	.....	.....	137 10 0	.....	.....	26,081 10 0
Total Rs.	2,61,942 0 0	.....	.....	2,772 5 10	239 9 11	629 9 11	2,64,324 5 10
FIRE BRIGADE	1,20,898 0 0	118 10 4	751 13 5	7,017 7 4	F 5,494 0 0	Y 5,494 0 0	1,28,785 15 1
MAINTENANCE OF PUBLIC GARDENS—							
Victoria Gardens—Maintenance	56,449 0 0	.....	.....	2,418 0 9	G 1,000 0 0	Z 1,000 0 0	58,867 0 9
Do. —New Works	...	.....	2,406 3 11	42,204 8 1	...	.....	51,610 12 0
Elphinstone Circle Garden	2,260 0 0	.....	.....	.....	...	.....	2,260 0 0
Falkland Road do.	520 0 0	.....	.....	.....	...	.....	520 0 0
Northbrook do.	1,876 0 0	.....	.....	.....	...	.....	1,876 0 0

Sir C. Jehangir Mahim	do.	748	0	0	.....		.....		.....			.....			.....		748	0	0
Bazaar Gate Street	do.	792	0	0	.....		.....		.....			.....			.....		792	0	0
Garden on the Flats	.....	1,052	0	0	.....		.....		.....			.....			.....		1,052	0	0
Dick's Tank Garden	.....	430	0	0	.....		.....		.....			.....			.....		430	0	0
Malabar Hill Garden	.....	1,430	0	0	.....		.....		.....			.....			.....		1,430	0	0
	Total Rs..	65,557	0	0	.....		9,406	3	11	44,622	8	10	1,000	0	0	1,000	0	0	1,19,585	12	9
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—																					
I. General Supervision and Miscellaneous Duties		49,340	0	0	.....		.....			207	0	4	.....			.....			49,547	0	4
II. DRAINAGE—																					
A. Miscellaneous Drainage	.....	1,29,371	0	0	500	0	0	1,382	12	10	6,129	2	10	H	8,966	0	0	AA	10,641	0	0	1,35,707	15	8
B. Maintenance of Love Grove Pumping Station	.....	94,823	0	0	.....		.....			10,461	12	6	I	175	0	0	BB	175	0	0	1,05,284	12	6
C. Do. of Sluices	.....	4,290	0	0	.....		21	5	0	299	5	0	.....			.....			4,610	10	0
D. Do. of Pumping Station, Colaba	.....	32,608	0	0	.....		.....			3,216	4	3	J	527	13	10	CC	527	13	10	35,824	4	3
III. WATER WORKS MAINTENANCE	.....	2,42,013	0	0	345	13	10	694	13	3	97,228	8	9	K	1,195	0	0	DD	3,650	0	0	3,37,827	3	10
IV. STREETS AND BUILDINGS—																					
A. Inspection and Supervision	.....	35,652	0	0	.....		1,210	0	0	620	8	7	L	170	0	0	EE	8,000	0	0	79,652	8	7
B. Public Lighting	.....	2,84,031	0	0	.....		.....			1,186	6	4	.....			.....			.....			2,85,217	6	4
C. Road Watering	.....	80,400	0	0	.....		.....			186	1	7	.....			.....	FF	6,000	0	0	74,586	1	7
D. Road Repairs and Maintenance	.....	3,71,900	0	0	.....		.....			17,584	8	6	M	16,500	0	0	.....				4,05,984	8	6
E. Street Improvements	.....	1,02,500	0	0	12,500	0	0	.....		5,388	5	8	.....			.....			.....		1,20,388	5	8
V. Cleaning, Lighting and Repairing Port Trust Wharves Roads	.....	38,642	0	0	.....		.....			.....			.....			.....			.....		38,642	0	0
	Total Rs..	15,15,870	0	0	13,345	13	10	3,308	15	1	1,42,508	0	4	27,538	13	10	28,993	13	10	16,73,272	13	3
NEW WORKS	.....	99,841	0	0	62,156	11	6	36,763	0	2	85,757	2	8	N	2,763	0	0	GG	1,258	0	0	2,86,022	14	4
PUBLIC HEALTH DEPARTMENT—																					
I. General Supervision	.....	70,817	0	0	5,467	10	9	644	0	0	703	4	0	O	111	12	0	HH	138	6	8	77,605	4	1
II. Conservancy Branch (including excess cost of feeding bullocks)	.....	12,63,563	0	0	26,399	15	5	140	0	0	14,414	6	0	P	676	4	11	II	828	6	3	13,04,265	4	1
III. Markets and Slaughter-houses (including excess cost of feeding bullocks)	.....	1,81,325	0	0	3,460	0	0	.....			4,689	12	10	Q	600	0	0	JJ	400	0	0	1,89,674	12	10
IV. Registration of Births and Deaths	.....	20,958	0	0	.....		.....				1,443	9	9	R	524	9	8	KK	790	0	0	22,136	3	5
V. Cemeteries (including excess cost of feeding horses)	.....	8,559	0	0	14,850	0	0	.....			192	13	9	S	1,154	2	4	.....				24,756	0	1
VI. Laboratory	.....	660	0	0	.....		.....				.....			.....				.....			660	0	0
VII. Mahaluxmi Dhobiwada	.....	34,653	0	0	.....		.....				568	0	0	.....				.....			35,221	0	0
VIII. Infectious Diseases	.....	9,433	0	0	55,000	0	0	.....			536	13	4	.....				LL	1,000	0	0	63,969	13	4
	Health Dept. contd. and carried over.. Rs.	15,89,968	0	0	1,05,077	10	2	784	0	0	22,548	11	8	3,066	12	11	3,166	12	11	17,18,388	5	10
	Carried over.. Rs.	22,76,845	0	0	93,021	3	8	50,230	0	7	2,35,891	13	8	41,995	2	6	41,860	2	6	27,17,028	1	11

B—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of grants for 1895-96 and previous years required for expenditure in 1897-98.	Lapsed Grants for 1896-97 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) b & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Amended Grants.
1	2	3	4	5	6	7	8
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	22,76,845 0 0	93,921 3 8	50,230 0 7	2,95,891 13 8	41,995 2 6	41,860 2 6	27,17,023 1 11
Health Department contd. & brought forward..Rs.	15,89,568 0 0	1,05,077 10 2	784 0 0	22,548 11 8	3,066 12 11	3,156 12 11	17,18,288 5 10
IX. Milch-cattle Stables and Rooms	10,933 0 0	.....	157 8 8	168 1 4	.....	.....	11,268 10 0
X. Tank Conservancy	6,180 0 0	.....	.....	.....	.....	MM 45 0 0	6,135 0 0
XI. Rustomji Jamsetji Dharamsala, Falkland Road	377 0 0	.....	.....	.....	.....	.....	377 0 0
XII. Vaccination Contribution to Government	17,284 0 0	.....	.....	.....	.....	.....	17,284 0 0
Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, &c..	.....	3,053 12 0	.....	.....	.....	.....	3,053 12 0
Inspecting milch cattle stables in the city during the prevalence of Foot and Mouth disease and Rinderpest	.....	1,044 13 5	.....	.....	.....	.....	1,044 13 5
	16,24,742 0 0	1,09,176 3 7	941 8 8	22,716 13 0	3,066 12 11	3,201 12 11	17,57,441 9 3
Less—Anticipated savings under different main heads.	20,000 0 0	.....	.....	.....	.....	.....	20,000 0 0
Total..Rs.	16,04,742 0 0	1,09,176 3 7	941 8 8	22,716 13 0	3,066 12 11	3,201 12 11	17,37,441 9 3
POLICE CHARGES	5,00,000 0 0	.....	.....	.....	.....	.....	5,00,000 0 0
Cost of providing water closets in the quarters occupied by the Police Inspector at the Byculla Police Station..	.....	584 0 0	.....	.....	.....	.....	584 0 0
Total..Rs.	5,00,000 0 0	584 0 0	.....	.....	.....	.....	5,00,584 0 0
EDUCATION—							
Primary Education	72,478 0 0	.....	.....	.....	.....	.....	72,478 0 0
School for Deaf and Dumb Mutes	1,800 0 0	.....	.....	.....	.....	.....	1,800 0 0
Veterinary College.....	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0
Victoria Jubilee Technical Institute	10,000 0 0	3,000 0 0	.....	.....	.....	.....	13,000 0 0
Victoria and Albert Museum	11,594 0 0	3,992 0 0	.....	5 0 0	.....	.....	15,591 0 0
Joint Schools Committee's Establishment.....	6,036 0 0	.....	.....	20 6 0	.....	.....	6,056 6 0
Total..Rs.	1,04,408 0 0	6,992 0 0	.....	25 6 0	.....	.....	1,11,425 6 0

HOSPITALS, &c.—								
Gokuldas Tejpal Hospital	25,000 0 0	.....	.....	.....	.....	.....	.....	25,000 0 0
Jaffer Sulleman Dispensary	3,000 0 0	.....	.....	.....	.....	.....	.....	3,000 0 0
Homeless Leper Asylum at Matoonga	13,000 0 0	.....	.....	.....	.....	.....	.....	13,000 0 0
Total..Rs.	57,000 0 0	.....	.....	.....	.....	.....	.....	57,000 0 0
PLAGUE CHARGES	.....	5,00,000 0 0	.....	.....	.....	.....	.....	5,00,000 0 0
MISCELLANEOUS—								
Pensions, Gratuities and Compassionate Allowances.	50,000 0 0	22,117 12 6	.....	4,816 3 1	.....	.....	.....	76,933 15 7
Discretional Contingencies	7,000 0 0	.....	.....	2,095 0 3	.....	.....	.....	9,095 0 3
Auditors' Allowance	10,000 0 0	.....	.....	.....	.....	.....	.....	10,000 0 0
Election Expenses	10,000 0 0	.....	.....	.....	.....	.....	.....	10,000 0 0
Grain compensation to peons, &c.	.....	83,940 0 0	.....	607 1 3	.....	.....	.....	84,547 1 3
Cost of procuring air analysis by an expert and of printing and other charges to be incurred in carrying out the enquiry into the question of the disposal of town sweepings								
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	.....	.....	2,227 7 7	.....	.....	.....	.....	2,227 7 7
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	.....	.....	.....	5,837 8 0	.....	.....	.....	5,837 8 0
Cost of illuminating and enclosing the address to H. I. Majesty the Queen Empress of India on the occasion of the celebration of the Diamond Jubilee of her reign	.....	.....	.....	2,000 0 0	.....	.....	.....	2,000 0 0
Cost of analysis of articles of food, &c.	.....	5,000 0 0	.....	.....	.....	.....	.....	5,000 0 0
Workshops ground rent and telephone charges for 1895-96 and 1896-97	.....	2,227 0 0	.....	.....	.....	.....	.....	2,227 0 0
	.....	8,646 11 4	.....	.....	.....	.....	.....	8,646 11 4
MUNICIPAL DEBT— Total..Rs.	77,000 0 0	1,21,931 7 10	2,227 7 7	16,354 12 7	.....	.....	.....	2,16,513 12 0
Interest on Loans	18,05,633 5 4	15,750 0 0	47,969 12 5	2,28,814 13 5	.....	.....	.....	20,98,157 16 2
Charges on Loans	14,911 8 0	.....	.....	.....	.....	.....	.....	14,911 8 0
Payments towards the reduction of Debt	66,530 2 8	.....	1,000 0 0	11,000 0 0	.....	.....	.....	78,530 2 8
Do. do. Investment of Sinking Fund	2,55,825 0 0	.....	.....	.....	.....	.....	.....	2,55,825 0 0
Do. do. do. Interest accrued on Sinking Fund		.....	.....	.....	.....	.....	.....	
	75,600 0 0	1,363 10 5	.....	.....	.....	.....	.....	76,963 10 5
INVESTMENTS— Total..Rs.	22,18,500 0 0	17,113 10 5	48,969 12 5	2,24,814 13 5	.....	.....	.....	25,19,388 4 0
Municipal Buildings Fire Insurance Fund	3,000 0 0	.....	.....	.....	.....	.....	.....	3,000 0 0
Interest realized on Fire Insurance Fund	1,290 0 0	66 0 13	.....	.....	.....	.....	.....	1,356 0 13
Worn-out Water Mains Renewal Fund	25,000 0 0	.....	.....	.....	.....	.....	.....	25,000 0 0
Interest realized on Worn-out Water Mains Renewal Fund			.....	.....	.....	.....	.....	
	14,900 0 0	868 9 8	.....	.....	.....	.....	.....	15,768 9 8
Interest realized on the Net Premia, &c., Fund	15,580 0 0	.....	.....	.....	.....	.....	.....	15,580 0 0
Net Premia on the 2nd Instalment of Rs. 53 lakhs of the 158 lakhs Loan intended to be raised in 1897-98.	20,000 0 0	.....	.....	.....	.....	.....	.....	20,000 0 0
School Building Fund	1,230 0 0	.....	.....	.....	.....	.....	.....	1,230 0 0
Total..Rs.	81,000 0 0	934 10 6	.....	.....	.....	.....	.....	81,934 10 6
Grand Total....Rs.	69,10,495 0 0	8,50,653 3 9	1,02,358 13 3	5,68,803 10 8	46,061 15 6	46,061 15 6		24,41,210 11 8

			Rs. a. p.	Rs. a. p.
A	Transferred from	Corporation and Standing Committee's Establishment		1,640 0 0
B	Do.	Accounts and Expenditure Audit Establishment		2,616 2 0
C	Do.	Corporation and Standing Committee's Establishment	162 0 0	
	Do.	Accounts and Expenditure Audit Establishment	56 8 9	
	Do.	General Office Establishment	10 0 0	
				228 8 9
D	Do.	Assessment & Collection Department (Property & Wheel Tax Establishment)		480 0 0
E	Do.	Registration of Births and Deaths	90 0 0	
	Do.	Licensing Establishment	149 9 11	
				239 9 11
F	Do.	Fire Brigade		5,494 0 0
G	Do.	Maintenance of Public Gardens (Victoria Gardens—Maintenance)		1,000 0 0
H	Do.	Drainage (A), Miscellaneous Drainage	7,921 0 0	
	Do.	New Works	1,045 0 0	
				8,966 0 0
I	Do.	Maintenance of Love Grove P. Station		175 0 0
J	Do.	do. Pumping Station, Colaba (Shone System)		527 13 10
K	Do.	Water Works Maintenance	1,150 0 0	
	Do.	Public Health Department (Tank Conservancy)	45 0 0	
				1,195 0 0
L	Do.	Drainage (A) Miscellaneous Drainage		170 0 0

					Rs. a. p.	Rs. a. p.
T	Transferred to	Corporation and Standing Committee's Establishment	*Vide*	A	1,640 0 0	
	Do.	General Office Establishment	,,	C	162 0 0	1,802 0 0
U	Do.	General Office Establishment	,,	C		10 0 0
V	Do.	Do. do.	,,	C	56 8 9	
	Do.	Commissioner's personal Office Establishment	,,	B	2,616 2 0	2,672 10 9
W	Do	Accounts and Expenditure Audit Establishment	,,	D		480 0 0
X	Do.	Licensing Establishment	,,	E		149 9 11
Y	Do.	Fire Brigade	,,	F		5,494 0 0
Z	Do.	Maintenance of Public Gardens—A Victoria Gardens—Maintenance	,,	G		1,000 0 0
AA	Do.	Drainage (A). Miscellaneous Drainage	,,	H	7,921 0 0	
	Do.	New Works	,,	N	2,650 0 0	
	Do.	Streets & Buildings—Inspection and Supervision	,,	L	170 0 0	10,641 0 0
BB	Do.	Maintenance of Love Grove Pumping Station	,,	I		175 0 0
CC	Do.	Maintenance of Pumping Station, Colaba (Shone System)	,,	J		527 13 10
DD	Do.	Water Works Maintenance	,,	K	1,150 0 0	
	Do.	Streets and Buildings—Roads & Footpaths &c.	,,	M	2,500 0 0	3,650 0 0

M	Do.	Streets and Buildings—A—Inspection and Supervision	8,000 0 0		
	Do	Do. —C.—Road Watering	6,000 0 0		
	Do.	Water Works Maintenance	2,500 0 0		
				16,500 0 0	
N	Do	Drainage—A—Miscellaneous Drainage..	2,550 0 0		
	Do.	New Works	213 0 0		
				2,763 0 0	
O	Do.	Public Health Department—General Supervision		111 12 0	
P	Do.	Public Health Department—General Supervision	26 10 8		
	Do.	Conservancy Branch	649 10 3		
				676 4 11	
Q	Do.	Markets and Slaughter Houses	400 0 0		
	Do.	Registration of Births and Deaths	200 0 0		
				600 0 0	
R	Do.	Registration of Births and Deaths	500 0 0		
	Do.	Conservancy Branch.....	24 9 8		
				524 9 8	
S	Do.	Conservancy Branch	154 2 4		
	Do.	Infectious Diseases	1,000 0 0		
				1,154 2 4	
		Total..Rs.		45,061 15 5	

EE	Do	do. do. ..	„ M		8,000 0 0
FF	Do.	do. do. ...	„ M		6,000 0 0
GG	Do.	Drainage (A), Miscellaneous Drainage ...	„ H	1,045 0 0	
	Do.	New Works	„ N	213 0 0	
					1,258 0 0
HH	Do.	Public Health Department—Conservancy Branch.....	„ P	26 10 8	
	Do.	General Supervision (Public Health Department).....	„ O	111 12 0	
					138 6 8
II	Do.	Conservancy Branch..	„ P	649 10 3	
	Do.	Cemeteries.....	„ S	154 2 4	
	Do.	Registration of Births & Deaths.....	„ R	24 9 8	
					828 6 3
JJ	Do.	Markets and Slaughter Houses	„ Q		400 0 0
KK	Do.	Licensing Establishment	„ E	90 0 0	
	Do.	Markets and Slaughter Houses	„ Q	200 0 0	
	Do.	Registrations of Births and Deaths	„ R	500 0 0	
					790 0 0
LL	Do.	Cemeteries	„ S		1,000 0 0
MM	Do.	Water Works Maintenance	„ K		45 0 0
				Total..Rs.	45,061 15 5

C.

EXPENDITURE.

STATEMENT *showing the Estimated and Actual Charges for* 1897-98.

PARTICULARS.	Actuals for 1896-97.	Amended Budget Estimate for 1897-98.	Actuals for 1897-98.	More than Estimate.	Less than Estimate.	Amount renewed during 1898-99.	Net Savings.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
GENERAL SUPERINTENDENCE—								
Corporation and Standing Committee Establishment ..	54,624 2 11	59,415 8 2	54,825 14 9	....	4,589 9 5	730 9 2	3,809 0 3	
Municipal Commissioner's Personal Office Establishment ..	54,003 1 0	75,136 10 3	73,270 13 2	....	1,865 13 1	685 1 7	1,180 11 6	
General Office Establishment	33,871 8 11	47,535 6 2	30,271 9 6	....	17,263 12 8	15,534 0 11	1,729 11 9	
Accounts and Expenditure Audit Establishment.. ..	57,142 2 0	62,943 12 1	56,423 8 0	....	6,520 4 1	305 7 4	6,214 12 9	
	1,99,640 14 10	2,45,031 4 6	2,14,791 13 5a	....	30,239 7 3	17,305 3 0	12,934 4 3	a Of this, Rs. 26,848-15-8 are chargeable to Water Works Account.
ASSESSMENT AND COLLECTION DEPARTMENT—								
Property and Wheel Tax Establishment	1,40,734 13 5	1,52,340 4 9	1,44,000 14 2b	....	8,339 6 7	845 6 1	7,494 0 6	b Of this, Rs. 27,000-2-8 are chargeable to Water Works Account.
Town Duty Collection	55,910 15 1	52,773 3 11	52,702 13 0	....	70 6 11	.....	70 6 11	
Tolls Collection	1,680 0 0	2,016 0 0	1,988 0 0	....	28 0 0	.....	28 0 0	
Licensing Establishment	24,071 7 1	31,113 3 2	26,267 0 3	....	4,846 2 11	2,031 1 7	2,815 1 4	
Revenue and Refund Audit Office Establishment	25,761 13 10	26,081 10 0	25,528 13 1	....	552 12 11	106 10 7	446 2 4	
	2,48,159 1 5	2,64,324 5 10	2,50,487 8 6	.. ..	13,836 13 4	2,983 2 3	10,853 11 1	
FIRE BRIGADE	1,07,653 13 0	1,28,786 15 1	1,18,507 12 0c	....	10,278 3 1	3,856 7 4	7,421 11 9	c Including Rs. 18,521-12-0 on account of Interest and Rs. 8,100 on account of Sinking Fund Instalment on the 4½ Lakhs Fire Brigade Loan.
MAINTENANCE OF PUBLIC GARDENS—								
Victoria Gardens—Maintenance	48,806 14 5	58,867 0 9	48,981 11 10	....	9,885 4 11	1,161 7 1	8,723 13 10	
Do. —New Works	2,113 7 11	51,610 12 0	15,538 0 4	....	36,072 11 8	36,072 11 8	.....	
Elphinstone Circle Garden	2,007 10 4	2,260 0 0	1,631 9 5	....	628 6 7	.....	628 6 7	
Falkland Road Garden	428 8 7	520 0 0	466 10 10	....	53 5 2	.....	53 5 2	
Northbrook Garden	1,867 13 6	1,876 0 0	1,433 13 3	....	442 2 9	.....	442 2 9	
Sir C. Jehangir Mahim Garden—Maintenance	796 7 1	748 0 0	505 4 11	....	242 11 1	.....	242 11 1	
Bazaar Gate Street Garden	780 0 5	792 0 0	663 7 6	....	128 8 6	.....	128 8 6	
Garden on the Flats	974 11 8	1,052 0 0	750 12 11	....	301 3 1	129 2 8	172 0 5	
Dick's Tank Garden	412 2 6	430 0 0	334 4 5	....	95 11 7	.....	95 11 7	
Malabar Hill Garden	1,218 13 3	1,430 0 0	1,141 0 7	....	288 15 5	.....	288 15 5	
	60,312 2 8	1,19,585 12 9	71,446 12 0	....	48,139 0 9	37,363 5 5	10,775 11 4	

PUBLIC WORKS (ENGINEER'S) DEPARTMENT—								
I. General Supervision and Miscellaneous Duties ..	49,736 8 5	49,547 0 4	48,996 8 11d	....	550 7 5	262 8 2	287 15 3	d Of this, Rs. 12,778-15-5 are chargeable to Water Works Account.
II. DRAINAGE—								
A. Miscellaneous Drainage	1,20,546 13 6	1,35,707 15 8	1,13,229 0 7	....	22,478 15 1	12,769 3 4	9,709 11 9	
B. Maintenance of Love Grove Pumping Station ..	89,965 4 3	1,05,284 12 6	96,646 1 5	....	8,633 11 1	617 0 0	8,015 11 1	
C. Do. of Sluices	3,832 7 2	4,610 10 0	4,019 0 8	....	591 9 4	..	591 9 4	
D. Do. of Pumping Station, Colaba (Shone System).	23,130 13 6	35,824 4 3	21,332 2 1	....	14,492 2 2	14 0	14,194 4 2	
III. WATER WORKS MAINTENANCE	e 2,16,042 2 8	3,37,827 3 10	2,48,285 3 8e	....	89,542 0 2	68,996 5 1	20,545 11 1	e Excluding Rs. 22,729-3-9 spent on the renewal of the water main in Worli Road which was met out of the worn-out water mains Renewal Fund.
IV. STREETS AND BUILDINGS—								
A. Inspection and Supervision	82,358 3 6	79,652 3 7	76,136 5 4	....	3,516 3 3	337 6 9	3,178 12 6	
B. Public Lighting	2,59,274 13 2	2,85,217 6 4	2,63,812 1 11	....	21,405 4 5	2,630 5 4	18,774 15 1	
C. Road Watering	91,352 0 2	74,586 1 7	72,987 8 2	....	1,598 9 5	.....	1,598 9 5	
D. Roads, Footpaths, &c.	3,29,779 3 10	4,05,984 3 6	3,70,183 4 7	....	35,801 3 11	28,249 6 0	7,551 13 11	
E. Street Improvements	1,03,994 0 10	1,20,388 5 8	1,16,540 2 1	....	3,848 3 7	3,848 3 7	.....	
V. Cleaning, Lighting, and Repairing Port Trust Wharves Roads	38,642 0 0	38,642 0 0	38,642 0 0	....	....	.....	.....	
	14,08,645 7 0	16,73,272 13 3	14,70,809 7 5	....	2,02,463 5 10	1,18,014 4 3	84,449 1 7	
NEW WORKS	1,47,003 5 9	2,86,022 14 4	f 1,39,577 4 7	....	1,46,445 9 9	1,24,545 8 4	21,900 1 5	f Of this, Rs. 27,281-10-7 are chargeable to Water Works Account.
PUBLIC HEALTH DEPARTMENT—								
I. General Supervision	43,568 7 6	77,605 4 1	64,537 3 7	....	13,068 0 6	779 6 6	12,288 10 0	
II. Conservancy Branch (including excess cost of feeding bullocks)	11,19,468 1 4	13,04,265 4 1	12,13,368 9 10	....	85,896 10 3	9,508 2 9	76,388 7 6	
III. Markets and Slaughter-houses do. ..	1,40,269 8 6	1,89,674 12 10	1,50,745 11 6	....	38,929 1 4	5,818 2 1	33,110 15 3	
IV. Registration of Births and Deaths	18,768 1 4	22,136 3 5	20,513 5 0	....	1,622 14 5	52 0 11	1,570 13 6	
V. Cemeteries (including excess cost of feeding horses)	7,511 13 9	24,756 0 1	22,609 11 7	....	2,146 4 6	487 13 0	1,658 7 6	
VI. Laboratory	342 12 3	660 0 0	327 7 9	....	332 8 3	.....	332 8 3	
VII. Mahalaxmi Dhobiwada	31,263 13 6	35,221 0 0	19,186 4 2	....	16,034 11 10	1,658 14 5	14,475 13 5	
VIII. Infectious Diseases	16,513 14 1	63,969 13 4	58,339 6 0	....	5,630 7 4	3,441 10 4	2,188 13 0	
IX. Milch-cattle Stables and Rooms	9,724 8 5	11,258 10 0	7,768 2 9	....	3,490 7 3	284 13 0	3,205 10 3	
X. Tank Conservancy	5,955 8 10	6,135 0 0	5,989 7 6	....	145 8 6	.....	145 8 6	
XI. Rustomjee Jamsetjee Dharamsala, Falkland Road ..	177 11 6	377 0 0	184 4 3	....	192 11 9	150 15 3	41 12 6	
XII. Vaccination Contribution to Government	16,302 11 2	17,284 0 0	17,084 13 7	....	199 2 5	.....	199 2 5	
Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, &c.	....	3,053 12 0	502 10 2	....	2,550 1 10	2,550 1 10	.....	
Inspecting Milch cattle and stables in the city during the prevalence of foot and mouth disease and rinderpest ..	....	1,044 13 5	474 13 5	....	570 0 0	570 0 0	.....	
	14,09,867 0 2	17,37,441 9 3	15,86,632 15 1	....	1,70,808 10 2	25,202 0 1	1,45,606 10 1	
Less—Anticipated savings under different main heads..	....	20,000 0 0	....	....	20,000 0 0	.....	20,000 0 0	
	14,09,867 0 2	17,37,441 9 3	15,86,632 15 1	....	1,50,808 10 2	25,202 0 1	1,25,606 10 1	
POLICE CHARGES	5,51,589 0 0	5,00,000 0 0	5,00,000 0 0	....	....	.....	.....	
Cost of providing water-closets in the quarters occupied by the Police Inspector at the Byculla Police Station ..	....	584 0 0	....	....	584 0 0	454 4 9	129 11 3	
	5,51,589 0 0	5,00,584 0 0	5,00,000 0 0	....	584 0 0	454 4 9	129 11 3	
Carried over.. Rs.	41,32,870 12 10	49,55,048 11 2	43,52,258 9 0	....	6,02,795 2 2	3,28,724 3 5	2,74,070 14 9	

C—*continued.*

Particulars.	Actuals for 1896-97.	Amended Budget Estimate for 1897-98.	Actuals for 1897-98.	More than Estimate.	Less than Estimate.	Amount renewed during 1898-99.	Net Savings.	Remarks.
Brought forward .. Rs.	Rs. a. p. 41,32,870 12 10	Rs. a. p. 42,55,048 11 2	Rs. a. p. 43,52,253 9 0	Rs. a. p.	Rs. a. p. 6,02,795 2 2	Rs. a. p. 3,28,724 8 5	Rs. a. p. 2,74,070 14 9	
Education—								
Primary Education	59,135 0 0	73,478 0 0	72,478 0 0	....	....	.....	.....	
School for Deaf and Dumb Mutes	1,800 0 0	1,800 0 0	1,800 0 0	....	....	.....	.....	
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	....	....	.....	.....	
Victoria Jubilee Technical Institute	10,000 0 0	13,000 0 0	10,000 0 0	....	3,000 0 0	.....	3,000 0 0	
Victoria and Albert Museum	10,287 8 4	15,591 0 0	10,130 8 9	....	5,460 7 3	4,267 13 2	1,192 10 1	
Joint Schools Committee's Establishment..	5,166 0 8	6,056 6 0	5,715 1 11	....	341 4 1	.....	341 4 1	
	85,888 8 7	1,11,425 6 0	1,02,623 10 8	....	8,801 11 4	4,267 13 2	4,533 14 2	
Hospitals, &c.—								
Gokaldas Tejpal Hospital	32,101 0 7	36,000 0 0	33,426 9 10	....	2,573 6 2	.....	2,573 6 2	
Jaffer Sulieman Dispensary	3,000 0 0	3,000 0 0	2,000 0 0	....	.....	.....	.....	
Homeless Leper Asylum at Matunga	18,000 0 0	18,000 0 0	17,806 14 4	....	193 1 8	.....	193 1 8	
	53,101 0 7	57,000 0 0	54,233 8 2	....	2,766 7 10	.....	2,766 7 10	
Plague Charges..	4,37,055 0 1	5,00,000 0 0	5,00,000 0 0[g]	....	....	.....	.....	[g] Excluding Rs. 13,25,783-11-6 partly paid from the 20 lakhs temporary loan and partly advanced from surplus balances in 1897-98, and Rs. 4,37,055-0-1 adjusted against the 20 lakhs loan on account of expenditure incurred in 1896-97 out of revenue. Also excluding Rs. 2,13,777-7-2 advanced to the Chairman Plague Committee, Municipal Officers, &c.
Miscellaneous—								
Pensions, Gratuities and Compassionate Allowances ..	58,600 12 0	76,932 15 7	70,096 0 7	....	6,836 15 0	5,399 11 6	1,437 3 6	
Discretional Contingencies	3,982 10 6*	9,095 0 3	5,686 5 3	....	3,408 11 0	2,406 0 3	1,002 10 9	
Auditors' Allowance	10,331 12 9	10,000 0 0	10,000 0 0	....	....	.....	.....	
Election Expenses	630 1 6	10,000 0 0	9,350 5 7	....	649 10 5	227 8 4	422 2 1	
Grain Compensation to Peons, &c.	18,161 7 11	34,547 1 3	32,029 4 4	....	2,517 12 11	17 12 6	2,500 0 5	
Cost of illuminating and enclosing the address to H. I. Majesty the Queen Empress of India on the occasion of the celebration of the Diamond Jubilee of her reign ..	....	5,000 0 0	5,000 0 0	....	....	.....	.....	
Workshops ground rent and Telephone charges for 1895-96 and 1896-97	....	8,646 11 4	8,646 11 4	.....	....	.....	.....	
Cost of procuring air analysis by an expert and of printing and other charges to be incurred in carrying out the question of disposal of town sweepings..	....	2,227 7 7	....	....	2,227 7 7	.....	2,227 7 7	
Cost of printing and binding 550 copies of a Calendar of Municipal Records, &c.	....	5,837 8 0	....	....	5,837 8 0	[redacted] 8 0	.....	
Cost of Printing Monograph on the Drainage of Bombay..	2,000 0 0	....	....	....	....	..	.....	
Honorarium to be paid to Mr. Barrow for his literary labours in publishing a Calendar of old Municipal Records, &c.	....	2,000 0 0	....	....	2,000 0 0	2,000 0 0	.....	

Cost of analysis of articles of food, &c.	....	2,227 0 0	....	....	2,227 0 0	2,227 0 0	.....	
Loss on account of Private Works irrecoverable bills ..	398 0 7	....	....	....	....	.....	.....	
	94,104 13 3	2,16,513 12 0	1,90,898 11 1	....	23,705 0 11	[redacted] 8 7	7,589 8 4	
	48,06,020 3 4	38,39,057 13 2	51,99,919 6 11	....	6,40,068 6 3	3,51[redacted] 9 2	2,88,960 13 1	
MUNICIPAL DEBT—								
Interest on Loans	16,88,823 4 2	20,93,157 15 2	[h] 18,42,944 8 04	....	2,50,213 7 2	2,24,400 14 11	25,812 8 3	[h] Exclusive of Rupees 18,521-12-0 paid on account of interest on the 4½ lakhs Fire Brigade Loan out of the Fire Brigade Grant.
Charges on Loans	14,050 13 4	14,911 8 0	14,307 15 8	....	603 8 4	1 0 0	602 8 4	
Payments towards the Reduction of Debt	52,563 4 5	78,530 2 8	[j] 70,530 2 8	....	8,000 0 0	8,000 0 0	.....	
Do. do. Investment of Sinking Fund ..	2,36,950 0 0	2,55,825 0 0	[j] 2,55,825 0 0	....	....	.....	.....	
Do. do. do. of Interest accrued on Sinking Fund ..	63,734 8 0	76,963 10 2	76,963 10 2	....	....	.....	.....	
	20,56,121 14 0	25,19,388 4 0	22,60,571 4 6	....	2,58,816 15 6	2,32,401 14 11	26,415 0 7	[i] Of this, Rs. 11,68,896-5-9 are chargeable to Water Works Account.
	68,62,142 1 4	63,59,376 1 2	74,60,490 11 5	....	8,98,885 5 9	5,83,509 8 1	3,15,375 13 8	[j] Of this, Rs. 1,53,340-12-5 are chargeable to Water Works Account.
INVESTMENTS—								[k] Exclusive of Rs. 8,100 on account of Sinking Fund Instalment on the 4½ Lakhs Fire Brigade Loan.
Municipal *Buildings Fire Insurance* Fund	3,000 0 0	3,000 0 0	3,000 0 0	....	....	.....	.....	
Interest realized on *Fire Insurance* Fund	1,118 8 0	1,356 0 10	1,356 0 10	....	....	.....	.....	
Worn-out Water Mains Renewal Fund	25,000 0 0	25,000 0 0	....	....	25,000 0 0	.....	25,000 0 0	[l] Chargeable to Water Works Account.
Interest realized on Worn-out Water Mains Renewal Fund.	12,957 1 6	15,788 9 8	[l] 15,788 9 8	....	....	.....	.....	
Interest realized on the Net Premia, &c., Fund	13,343 1 7	15,380 0 0	[m] 15,376 6 10	....	203 9 2	.....	203 9 2	[m] Of this, Rs. 3,869-4-3 are chargeable to Water Works Account.
Net Premia received on the 1st Instalment of 10 Lakhs of the 15½ Lakhs Loan raised in 1896-97	37,181 13 6	....	....	....	....	.....	.....	
Net Premia on the 2nd Instalment of Rs. 5½ Lakhs of the 15½ Lakhs Loan intended to be raised in 1897-98 ..	....	20,000 0 0	....	....	20,000 0 0	.....	20,000 0 0	
School Building Fund	50,000 0 0	1,250 0 0	977 6 1	....	252 9 11	.....	252 9 11	
	1,42,600 3 7	81,934 10 6	36,478 7 5	....	45,456 3 1	.....	45,456 3 1	
Grand Total..Rs.	70,04,742 9 11	64,41,310 11 8	74,96,969 2 10	....	9,44,341 8 10	5,83,509 8 1	3,60,832 0 9	

11. From the foregoing Statement C it will be observed that against a total sum allotted for expenditure during 1897-98 aggregating Rs. 84,41,310-11-8, alluded to in para. 7, the actual disbursements made during the past year amounted to only Rs. 74,96,969-2-10, thus leaving an unexpended balance of Rs. 9,44,341-8-10 at the close of the financial year.

In accordance with the usual practice—a practice which might be amended, in my opinion, with advantage to the Municipality—a sum of Rs. 5,83,509-8-1 has been incorporated in the accounts as renewable in 1898-99 in order to meet liabilities incurred but not paid during the past year, to defray the cost of works not completed, and to provide for works sanctioned but not yet taken in hand. What particular portion of this sum of Rs. 5,83,509-8-1 will be actually required for expenditure during the year 1898-99 and subsequent years, is a question for investigation and discussion with Executive Officers. Should there be a possibility of effecting a saving during the present and coming official years on the above sum of Rs. 5,83,509-8-1, such action will, with the Commissioner's approval, be taken as will ensure a greater degree of accuracy in estimating the probable financial requirements of the Municipality in the current financial year, and will establish a more effective system of allotting funds.

From the last column of Statement C it will be seen that a sum of Rs. 3,60,832-0-9, though appropriated, was not required for expenditure during 1897-98, and consequently lapsed to surplus cash balance at the close of that year.

12. The subjoined statement while denoting the departments and heads of accounts in which lapses of grants occurred, also shows that when framing the revised estimate of expenditure savings to the extent of Rs. 2,41,087-3-5 were provided for, thus reducing the actual unanticipated savings to Rs. 1,19,744-13-4 :—

	Actual Savings.	Amount of savings anticipated while framing the revised estimates for 1897-98.	Net Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence ...	12,934 4 3	8,958 8 6	3,975 11 9
Assessment and Collection ...	10,853 11 1	9,569 2 2	1,284 8 11
Fire Brigade	7,421 11 9	4,793 10 9	2,628 1 0
Public Gardens...	10,775 11 4	9,097 0 8	1,678 10 8
Engineer's Department ...	84,449 1 7	46,004 14 4	38,444 3 3
New Works	21,900 1 5	1,676 7 10	20,223 9 7
Health Department	1,25,606 10 1	82,580 9 6	43,026 0 7
Police	129 11 3	.....	129 11 3
Education	4,533 14 2	946 8 1	3,587 6 1
Hospitals, &c	2,766 7 10	2,554 13 0	211 10 10
Miscellaneous	7,589 8 4	3,648 0 3	3,941 8 1
Debts	26,415 0 7	26,257 8 4	157 8 3
Investments	45,456 3 1	45,000 0 0	456 3 1
Total Rs...	3,60,832 0 9	2,41,087 3 5	1,19,744 13 4

13. It may prove interesting, as throwing a side light on our financing, to note the extent to which lapses in grants have occurred year after year since 1892-93, *after allowing for the renewal of all grants supposed to be required in the following year and for all unpaid debt charges* :—

Year.	Lapse.
	Rs. a. p.
1892-93...	4,06,021 10 2
1893-94...	2,81,156 15 2
1894-95	1,55,928 1 8
1895-96...	1,87,966 10 2
1896-97...	2,60,404 15 2
1897-98...	3,60,832 0 9

Adding to these figures the grants which lapsed and had to be renewed as given in para. 10 above, the variation of expenditure from grants allotted assumes very grave proportions, as will be seen from the subjoined statement :—

Lapse in	1892-93	Rs.	7,61,317
Do.	1893-94	„	7,93,617
Do.	1894-95	„	8,40,145
Do.	1895-96	„	6,68,015
Do.	1896-97	„	9,31,567
Do. per Statement C	1897-98	„	9,44,342

I consider it not only desirable but imperative, more especially at the present juncture, when we are approaching the maximum of taxation, that means should be devised to approximate our estimates of expenditure for each year more closely to our actual wants. The details of the methods to be adopted to secure these ends do not seem to me to require discussion in a report dealing rather with actual results than with improvements which appear to be desirable in our system of finance; but holding as I do that improvements are necessary, I shall take the earliest opportunity of submitting proposals for consideration.

Renewal of grants and savings in expenditure per Statement C.

14. I now proceed to give below the purposes for which the more important portions of the unexpended balances, amounting to Rs. 5,83,509-8-1 under the different major heads, are required to be

renewed during 1898-99, and the causes contributing in the main to the principal savings making up the aggregate saving of Rs. 3,60,832-0-9.

General Superintendence.—The unexpended balance amounted to Rs. 30,239-7-3, of which Rs. 17,305-3-0 are required to be renewed for the payment of legal expenses for the past and previous years which were undischarged at the close of the year, and to provide for undischarged liabilities for Establishments, &c., of the Corporation and Standing Committee, of the Commissioner's Personal and General Offices, and the Accounts and Expenditure Audit Department. The balance of Rs. 12,934-4-3 was saved principally under the grants (1) for the Corporation and Standing Committee's Office Establishment, owing to the post of Office Manager having remained vacant during the year, (2) for fees of Councillors, (3) for the Accounts and Expenditure Audit Establishment, consequent on the post of the Chief Accountant having remained vacant for over two months by the death of the late Mr. Sorabji Navaroji Cooper, and owing to the new Chief Accountant drawing the minimum schedule salary of the appointment, *viz.*, Rs. 800 per month, against a provision (including personal allowance) of Rs. 1,450, (4) for Contingencies, Stationery, Printing, &c., of the Corporation and Standing Committee's, Commissioner's Personal Office, and Accounts and Expenditure Audit Establishments, and (5) for repairs and maintenance of the Municipal Office buildings.

Assessment and Collection Department.—The unexpended balance was Rs. 13,836-13-4, of which Rs. 2,983-2-3 are required in 1898-99 for payment of unpaid Establishment, Contingent, Printing and Stationery charges of the Property and Wheel Tax, Licensing (including Music, Poison, &c., Licenses and Land Conveyance Licenses) and Revenue and Refund Audit Office Establishments. The balance of Rs. 10,853-11-1 was saved chiefly in the Head-quarters Office and Ward Inspection Offices Establishment of the Property and Wheel Tax Department, in the Revenue and Refund Audit Office establishment, and in the provision for Contingencies, Stationery, Printing, Summons Fees, &c., of the Property and Wheel Tax and Licensing Establishments.

Fire Brigade.—Rs. 2,856-7-4 out of the unexpended balance of Rs. 10,278-3-1 are required to be renewed in 1898-99 for Repairs, Food-supply and Contingent charges and for outstanding interest on debentures of the 4½ Lakhs Loan for Fire Brigade Quarters and Stations. The net saving of Rs. 7,421-11-9 was effected in the Establishment, Repairs, Feed, Contingent and Clothing grants and the provision for purchase of horses and hose.

Maintenance of Public Gardens.—The unexpended balance (excluding that under New Works) amounted to Rs. 12,066-5-1, of which only Rs. 1,290-9-9 are required to be renewed in 1898-99 for Establishment, Seeds and Plants, Repairs, Stores, &c., charges of the Victoria Gardens

and for Stores charges of the Garden on the Flats. The net saving amounted to Rs. 10,775-11-4, of which Rs. 8,723-13-10 accrued under the Victoria Gardens alone in the Establishment, Repairs, Water-supply and Zoological Collections grants, and the balance of Rs. 2,051-13-6 under all the other gardens.

The whole of the unexpended balance of Rs. 36,072-11-8 under Victoria Garden New Works is, in accordance with the usual practice, required to be renewed in 1898-99 for the construction of the head animal-keeper's and malis' quarters, &c.; but whether a portion of this sum cannot be saved for the present is a question requiring consideration.

Public Works (Engineer's) Department.—There are four different branches. Against an allotment of funds aggregating Rs. 16,73,272-13-3 the expenditure was only Rs. 14,70,809-7-5, thus giving a saving of Rs. 2,02,463-5-10, of which the large sum of Rs. 84,449-1-7 was an actual saving and Rs. 1,18,014-4-3 will, if it is deemed advisable, be renewed in 1898-99.

The major and minor heads are dealt with below.

II.—Drainage.—The aggregate unexpended balances under this head amounted to Rs. 46,201-5-8, of which Rs. 13,690-1-4 are required to be renewed in 1898-99 and the balance of Rs. 32,511-4-4 has lapsed as an actual saving. The sub-heads contributing principally to the lapses, with the explanation of the lapses, are subjoined.

A.—Miscellaneous Drainage.—The unexpended balance was Rs. 22,478-15-1 from which Rs. 12,769-3-4 are required to be renewed in 1898-99 for unpaid Establishment, Stores, Contingent and Telephone Connection charges and for the completion of several drain repairs, &c., works sanctioned during the year under report. The balance of Rs. 9,709-11-9 was saved principally on the grants for Establishment, for inspecting manholes and sewers and cleaning miscellaneous drains and gutters.

B.—Maintenance of Love Grove Pumping Station.—Out of the unexpended balance of Rs. 8,638-11-1 only Rs. 623 are required to be renewed in 1898-99 for Contingent, Water-supply and Telephone connection charges, leaving a net saving of Rs. 8,015-11-1 effected chiefly on the Repairs, Contingencies, Stores and Water-supply grants.

D.—Maintenance of Pumping Station, Colaba (Shone System).—Out of the large unexpended balance of Rs. 14,492-2-2, a small sum of Rs. 297-14-0 is required to be renewed in 1898-99 for Telephone Connection and Contingent Charges. Out of the net saving of Rs. 14,194-4-2, Rs. 10,250-13-5 accrued under the Coal Grant, and the balance of Rs. 3,943-6-9 under Stores and Water-supply grants and the provision for temporary labour and for fitting up electric light and tell-tales.

III.—Water Works Maintenance.—There was an unexpended balance of Rs. 89,542-0-2, of which Rs. 68,996-5-1 will, as far as can be seen at present, require to be renewed in 1898-99 as under :—

		Rs.	a.	p.
(1).	For payment of establishment, materials, contingent, stationery, printing, advertisements, annual repairs, &c., charges	7,748	10	8
(2).	For charges in connection with the repairs to the Kasheli Embankment, Tansa Duct	22,806	13	1
(3).	For sundry works, such as rewashing sand and other materials in filters at the Bhandarwada Reservoir, putting in filtering materials in the Malabar Hill Reservoir filters, widening and repairing embankment on Vehar and Tulsi lines, repairs to Tulsi main embankment between Santa Cruz and Vehar, &c. ...	38,440	13	4
		Rs. 68,996	5	1

There was thus a net saving of Rs. 20,545-11-1, of which a sum of Rs. 11,809-9-0 was saved on the Establishment and Labour grant owing to the full schedule salaries and the increments provided in the Budget not having been drawn in some cases, to the full schedule strength of labourers, artisans, &c., not being employed throughout the year, to absentees amongst the labour, &c., staff in consequence of sickness and other causes, and to the provision for overtime and temporary labour not being wholly required during the year. The balance of Rs. 8,736-2-1 was saved on the Materials, Contingent and Repairs grants.

Adding to the above unexpended balance of Rs. 89,542-0-2, Rs. 18,336-2-1 and Rs. 67,074-6-9 on account of the balances of the Water Works New Works and Debt Grants respectively, the total unexpended balance of the Water Works items aggregated Rs. 1,74,952-9-0, of which Rs. 68,996-5-1, Rs. 16,446-6-8 and Rs. 66,062-8-0, aggregating Rs. 1,51,505-3-9, will, if past practice is adhered to, be renewed during 1898-99, as shown at pages 99 and 103. Allowing for these renewals the saving on all the Water Works grants amounted to Rs. 23,447-5-3.

IV.—Streets and Buildings.—The total unexpended balance under this major head at the close of the year amounted to Rs. 66,169-8-7. Of this sum the actual saving aggregated Rs. 31,104-2-11, and Rs. 35,065-5-8 represent lapsed grants which are to be renewed in 1898-99. The minor heads and the variations therein from the budget estimates are dealt with below.

A. Inspection and Supervision.—From the unexpended balance of Rs. 3,516-3-3, a sum of Rs. 337-6-9 only is required to be renewed for unpaid Establishment, Printing, Stationery, and Drawing Materials charges ; the balance of Rs. 3,178-12-6 was saved on the Establishment and Contingent grants.

B. Public Lighting.—The unexpended balance amounted to Rs. 21,405-4-5, of which Rs. 2,630-5-4 are required to be renewed for putting up 25 incandescent gas lamps in the City and for sundry repairs, &c., charges. The actual saving amounted to Rs. 18,774-15-1, *i.e.*, Rs. 6,125-9-0 under Gas Lighting and Rs. 12,649-6-1 under Kerosine Oil Lighting.

C. Road Watering.—The whole of the unexpended balance of Rs. 1,598-9-5 under this head was a saving.

D. Roads, Footpaths, &c.—Out of the unexpended balance of Rs. 35,801-3-11 under the grants for Road Repairs and Maintenance, Paving Footpaths, Ground Rent, Water and Halalkhor Taxes, Annual Repairs and Construction of 20 Muck Carts, Rs. 249-6-0 are required to be renewed in 1898-99 for certain Advertisement, Rent and Water charges, and Rs. 28,000 for Repairs to Footpaths and Construction of Muck carts. The latter two works had to be postponed last year owing to want of funds, and will, it seems to me, have to be abandoned in 1898-99 as well.

E. Street Improvements.—The whole of the unexpended balance of Rs. 3,848-3-7 under this head is required to be renewed to meet cost of street boards and house number plates required for the Assessment Department.

New Works.—The following table shows the unexpended balance of the grants for New Works, the amount required to be renewed therefrom in 1898-99 (on the assumption that the whole allotment is to be expended in that year) and the actual savings :—

	Rs. a. p.	Rs. a. p.
Amount required for payment of charges for completed works and for the completion of works in progress—		
Water Works	* 2,440 10 8	
Other Municipal Works	65,113 1 8	
		67,553 12 4
Amount required for works not taken in hand in 1897-98—		
Water Works	* 14,005 12 0	
* Other Municipal Works	42,986 0 0	
		56,991 12 0
(Municipal Rs. 1,08,099-1-8 + Water Works Rs.	* 16,446-6-8)=	1,24,545 8 4
Savings on Completed Works—		
Water Works	* 1,889 11 5	
Other Municipal Works	19,810 6 0	
	21,700 1 5	
Provision not required for works now considered unnecessary—		
Municipal Works...	200 0 0	
(Municipal Rs. 20,010-6-0 + Water Works Rs.	* 1,889-11-5)=	21,900 1 5
(„ „ 1,28,109-7-8 + „ Rs.	* 18,336-2-1)=	Rs. 1,46,445 9 9

Public Health Department.—I. General Supervision.—The unexpended balance amounted to Rs. 13,068-0-6 from which Rs. 779-6-6 require to be renewed in 1898-99 for unpaid Establishment, Contingent and Telephone charges and for the cost of fixing Wallace's Pail depôts at the Girgaum and Kamatipura Night-soil Depôts. The net saving amounted to Rs. 12,288-10-0, of which Rs. 11,182-9-1 accrued under the grant for the salary of Superior Staff owing to the Health Officer having been transferred to the Plague Committee from 15th March to 31st May 1898, to some of the Deputy Health Officers not having been employed during the year, and to the full schedule salaries not being allowed to some of those who were employed. Rs. 1,106-0-11 in addition to the above accrued under the Office Establishment and Contingent Grants.

II.—Conservancy Branch.—The unexpended balance amounted to Rs. 85,896-10-3, of which Rs. 9,508-2-9 is required to be renewed for unpaid Stores, Earth Supply, Repairs, Rent, Printing, Telephone, &c., charges and for the construction of dustbin and drain carts. The net saving of Rs. 76,388-7-6 accrued under the following heads :—

	Unexpended Balance.	To be renewed in 1898-99.	Actual Savings.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Superintendence and Inspection	5,710 3 11	.. ...	5,710 3 11
II. Labour (including Feed of Cattle)—			
(a) Scavengering	16,926 15 3	.....	16,926 15 3
(b) Surface Drain-cleaning	10,140 11 2	.....	10,140 11 2
(c) Gully Flushing	1,952 7 3	.....	1,952 7 3
III. Disposal of Town Sweepings—			
(a) Reclamation	2,543 15 11	522 15 1	2,021 0 10
(b) Incineration	1,017 0 7	91 14 6	925 2 1
IV. Repairs	1,154 2 5	93 1 11	1,061 0 6
V. Stores (Disinfectants and Miscellaneous).	1,189 4 7	576 6 3	612 14 4
VI. New Stock	2,966 9 0	1,936 2 0	1,030 7 0
VII. Rent	2,710 5 11	2,612 3 1	98 2 10
VIII. Water Supply	4,576 8 8	.....	4,576 8 8
IX. Waterproof Clothing...	56 0 0	.....	56 0 0
Rs. ..	50,944 4 8	5,832 10 10	45,111 9 10
X. Halalkhor Branch—			
(a) Superintendence	1,562 8 10	.....	1,562 8 10
(b) Labour	767 15 11	39 5 2	728 10 9
(c) Feed of Bullocks...	8,004 6 4	.....	8,004 6 4
(d) Stores (Disinfectantsand Miscellaneous)	341 5 9	296 9 1	44 12 8
(e) Repairs, &c.	1,604 7 2	677 10 10	926 12 4
(g) Rent	2,107 12 11	1,405 4 6	702 8 5
(h) Lighting Night-soil Depôts, &c. ...	410 3 0	.....	410 3 0
(i) Water Supply	18,896 15 4	.....	18,896 15 4
Rs....	33,695 11 3	2,418 13 7	31,276 13 8
XI. Removing and re-erecting four sheds of the Sankli Tank Hospital for sick bullocks of the Health Department. ...	1,256 10 4	1,256 10 4	.....
Total Rs....	85,896 10 3	9,508 2 9	76,388 7 6

III.—Markets and Slaughter Houses.—The unexpended balance amounted to Rs. 38,929-1-4, from which Rs. 5,818-2-1 are required to be renewed for payment of Establishment, Stores, Repairs and Rent charges and for the purchase of bullocks. The net saving amounted to Rs. 33,110-15-3, of which Rs. 4,046-0-1 were saved on the Establishment, Lighting, Stores, and Contingent grants, Rs. 7,396-11-9 under the grant for meat Carriage (Feed of bullocks), Rs. 11,645-12-6 on the repairs, &c., grant owing chiefly to the painting of the Markets, &c., having been deferred in 1897-98 for want of Funds and Rs. 10,022-6-11 on the Water Supply grant owing to the non-submission of water bills in accordance with Resolution No. 1644 dated 12th May 1897 of the Standing Committee.

IV.—Registration of Births and Deaths.—Only Rs. 52-0-11 out of the total unexpended balance of Rs. 1,622-14-5 are to be renewed for Establishment and Stationery charges. The balance of Rs. 1,570-13-6 was saved on the grants for Office Establishment and Registrars and Contingencies.

V.—Cemeteries.—From the unexpended balance of Rs. 2,146-4-6, Rs. 487-13-0 are required in 1898-99 for payment of charges for Telephone connection and shoeing horses. The balance was saved on the grants for Feed of Horses, Contingencies and Stores, and on the purchase of live stock, no new horses having been purchased in 1897-98.

VII.—Mahaluxmi Dhobivada.—Rs. 16,034-11-10 were left unexpended, from which Rs. 1,558-14-5 are required to be renewed in 1898-99 for Stationery, Repairs and Halalkhor Tax charges. Almost the whole of the net saving of Rs. 14,475-13-5 accrued on the Water Supply grant, owing to debit not having been raised.

VI.—Laboratory, VIII.—Infectious Diseases, IX.—Milch Cattle Stables, X.—Tank Conservancy, and XI.—Rustomji Jamshedji Dharamshalla.—The unexpended balances under these heads aggregated Rs. 9,791-11-1, from which Rs. 3,877-6-7 are required to be renewed in 1898-99 for Stores and Repairs charges in connection with Milch Cattle Stables, Rustomji Jamshedji Dharamshalla and the Infectious Diseases Hospitals at Grant and Arthur Roads, and for food, &c., supplies made at the Arthur Road Hospital. The net saving of Rs. 5,914-4-6 was effected chiefly on the Milch Cattle Stables Repairs and Water Supply grants and on the provision for purchase of horses, &c., in connection with the Infectious Diseases Hospitals. The whole of the unexpended balances of Rs. 2,550-1-10 and Rs. 570 under erection of Temporary Stables for the Segregation of Cattle Suffering from Foot and Mouth Disease and Inspection of Milch Cattle Stables in the city during the prevalence of disease and rinderpest is required to be renewed in1898-99.

133752

The total unexpended balances of the different branches of the Health Department aggregated Rs. 1,70,808-10-2. Deducting from this sum the saving of Rs. 20,000 already taken credit for in the Budget for 1897-98 and Rs. 25,202-0-1 required for renewal in 1898-99, the net saving on the Health Department grant, amounted to Rs. 1,25,606-10-1.

Education.—The unexpended balance amounted to Rs. 8,801-11-4, of which Rs. 4,267-13-2 are required to be renewed in 1898-99 for covering the terrace roofing of the Victoria and Albert Museum with a layer of cement and sand and for sundry petty works at the Museum. The balance of Rs. 4,533-14-2 included Rs. 1,533-14-2 saved on the Museum Establishment, Contingencies and Artware grants and on the Joint Schools Committee's Establishment and Contingent grants and Rs. 3,000 on account of the grant voted in Corporation's Resolution No. 4469 of 9th August 1897, to provide for the salary for 6 months of 1897-98 of a teacher of sanitary engineering and plumbing in the Victoria Jubilee Technical Institute, which does not appear to have been utilized during the past year. It would be advisable to decide whether this grant is to continue or not.

Hospitals, &c.—The saving of Rs. 2,573-6-2, under Goculdas Tejpal Hospital, was due to Government having refunded on 7th September 1897 Rs. 3,554-13-0 the unexpended balance of the Municipal contribution for 1896-97, out of which Rs. 981-6-10 were defrayed for the pay of 4 nurses and the cost of their uniforms.

Miscellaneous.—The unexpended balances under these heads amounted to Rs. 25,705-0-11, of which Rs. 18,115-8-7 are required to be renewed as under :—

(1) Rs. 5,399-11-6 under pensions, gratuities, &c., for payment of pensions not drawn by different pensioners up to the close of 1897-98 and for payment of compassionate allowance to the widows of certain employés who died last year.

(2) „ 2,406-0-3 under discretional contingencies for payment of certain charges sanctioned from this grant in 1897-98.

(3) „ 227-8-4 under election expenses for stationery, printing, &c., charges.

(4) „ 17-12-6 under grain compensation to peons, &c., to meet certain charges remaining unpaid at the end of last year.

(5) „ 5,837-8-0 for cost of printing and binding 550 copies of a calendar of Municipal Records.

(6) „ 2,000-0-0 for honorarium to be paid to Mr. Barrow for his literary labours in preparing the calendar.

(7) „ 2,227-0-0 for analysis of articles of food, &c.

Rs. 18,115-8-7.

The balance of Rs. 7,589-8-4 was saved on the grants for pensions, &c., discretional contingencies, election expenses, grain compensation to peons, &c., and cost of procuring air analysis.

Municipal Debt.—Rs. 2,58,816-15-6 remained unexpended under the grants for Interest on Loans, Bank's Commission, &c., Charges, Sinking Fund and Repayment of Debt. Of this sum Rs. 2,24,400-14-11 being the outstanding interest as shown in detail in Appendices 1 (B, D to H, J, M and N), Rs. 8,000 being the amount of 16 debentures of the Drainage Loan of 1878, which became repayable on or before 1st January 1898, but which were not surrendered by the holders for repayment up to 31st March 1898 and Re. 1 for certain advertisement charges are required to be renewed in 1898-99. Thus the net saving amounted to Rs. 26,415-0-7 as under:—

	Rs.	a.	p.	Rs.	a.	p.
Savings on the grants for Commission payable to the Bank of Bombay (Rs. 281-3-0) and for Miscellaneous Loan charges (Rs. 321-5-4)				602	8	4
Savings on interest on Loans—						
3½ per cent. 15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan, due to the raising of the second instalment of Rs. 5¼ lakhs of this Loan having been deferred until 1898-99, one half-year's interest provided for the same not being consequently required	10,062	8	0			
Amount of interest short paid by the Bank on Debentures of the 1st instalment of Rs. 10 lakhs	0	0	3			
				10,062	8	3
3½ per cent. 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—due to the raising of the 1st instalment of Rs. 9 lakhs of this Loan having been deferred until 1898-99 and consequently the half-year's interest provided for the same not being required—						
(Municipal Rs. 14,738-1-3 + Water Works Rs. 1,011-14-9*) =				15,750	0	0
(Municipal Rs. 25,408-1-10 + Water Works Rs. 1,011-14-9*) = Rs.				26,415	0	7

Unpaid Interest (to be renewed)—

		Rs.	a.	p.
5 per cent. Rs. 26,94,000 Drainage Loan of 1878 (as per Appendix 1-B)		23,412	8	0
5 „ 44 Lakhs Sanitary Works Loan of 1885-86 (do. 1-D)		27,862	8	0
5 „ 7 Do. do. of 1888 (do. 1-F)		14,162	8	0
5 „ 12 Lakhs Drainage and Water Works Loan (do. 1-E)		13,075	0	0
5 „ Rs. 10,08,500 Miscellaneous Works Loan (do. 1-H)		8,962	8	0
5 „ 35 Lakhs Various Sanitary Works Loan (do. 1-J)		39,850	0	0
4 „ 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (as per Appendix 1-M)...		21,580	0	0
4 „ 23¼ Lakhs Loan for Drainage, Water Works, Roads and other works (as per Appendix 1-N)		14,433	6	11
„	Rs.	1,58,338	6	11
5 „ Tansa Water Works Loan (as per Appendix 1-G) ...		66,062	8	0
(Municipal Rs. 1,58,338-6-11 + Water Works Rs. 66,062-8-0*) = Rs.		2,24,400	14	11

Unpaid Capital (to be renewed)—

One Debenture of the Drainage Loan of 1878, repayable on 1st January 1890, one repayable on 1st January 1893, and 14 repayable on 1st January 1898, not presented for repayment up to the end of March 1898 (as per Appendix 1-A).....	8,000	0	0	
	Rs. 2,32,400	14	11	
Charges on Loans—Advertisement charges regarding payment of the Vehar Water Works Debt Instalment.....Rs.	1	0	0	
				2,32,401 14 11
(Municipal Rs. 1,91,742-8-9 + Water Works Rs. 67,074-6-9) = Rs.				2,58,816 15 6

Investments.—The saving of Rs. 25,000 on account of worn-out water mains renewal fund investment is due to its being considered inadvisable owing to our financial difficulties last year, to invest the annual instalment provided in the budget.

The saving of Rs. 20,000 under investment of the net premia expected to be received on the second instalment of Rs. 5¾ lakhs of the 15¼ lakhs loan does not require any explanation as it will be observed from the remarks made at page 76 that the above instalment could not be raised during the year, and hence there was no premium to invest.

SURPLUS CASH BALANCE.

15. The annexed statement shows the state of the surplus cash balance at the close of the financial year 1897-98.

With a view to presenting the condition of this account in a less complicated state, I have entered the assets and liabilites in a condensed form and have transferred to the annexed statement E the details showing the expenditure on loan works and the extent to which withdrawals from loan funds on their account were made. These details were hitherto incorporated in the body of the statement.

To sums payable—	Rs. a. p.	Rs. a. p.	By—	Rs. a. p.	Rs. a. p.
Deposits, &c., in cash	2,58,795 12 2		Cash deposits and investments—		
Do. on account of contractors' Government Paper kept in Office ...	3,000 0 0		Cash balance in the Office and Bank Treasuries		6,31,357 13 10
Government of Bombay on account of income tax	205 2 9		Surplus cash investments— Rs. a. p.		
Loan Works Establishment	17,869 15 8		5 per cent. and 4 per cent. Municipal Debentures with the Bank of Bombay 57,000 0 0		
		2,79,870 14 7	Current accounts with—		
			The Comptoir National d'Escompte de Paris ... 862 14 2		
			The Hongkong and Shanghai Banking Corporation ... 849 2 6		
			The Chartered Bank of India, Australia & China ... 4,127 15 0		
Net amount advanced for the purchase of frontage land in Agripada, &c., Estate in excess of the allotment of Rs. 15 lakhs made in the 35 lakhs loan for roads and streets in Agripada and elsewhere. This was hitherto considered a recoverable asset, but as all the frontage lands are to be made over to the City Improvement Trust, the amount will have to be written off ...		8,12,546 4 8		2,339 15 8	
Reserve Stock per contra		9,03,586 14 9	Fixed deposit with the National Bank of India ... 4,00,000 0 0		
Amount to be renewed in 1898-99 for unpaid charges for and prior to 1897-98.		5,80,509 8 1			4,59,339 15 8
		25,79,513 7 1			10,91,197 13 6
Balance at the close of 1897-98—			Advances—		
Minimum cash balance required by the Act	1,00,000 0 0		To Loan works— Expenditure on Loan Works as per Statement E attached	3,53,82,248 9 3	
Surplus cash balance	2,25,501 12 11		Amount drawn from Loan Funds as per Statement E attached	3,13,25,500 0 0	
	3,25,501 12 11			5,56,748 9 3	
			Rs. a. p.		
			To Municipal Officers, &c... 2,27,227 4 3		
			For private and departmental works 1,24,047 1 8		
			For printing and stamping building and repair certificates and water application forms 407 12 0		
			To contractors 1,600 0 0		
				3,53,482 1 6	
			For Reserve Stock—		
			General 66,503 9 4		
			Water Works ... 4,22,005 10 3		
			Drainage 3,92,659 4 14		
			Executive Engineer ... 22,418 3 0		
				9,03,586 14 9	
					18,13,817 6 6
Total ...Rs.		29,05,015 4 0	Total ...Rs.		29,05,015 4 0

E

Statement showing expenditure on Loan Works and the amounts drawn from Loan Funds up to 1897-98 :—

	Rs. a. p.	Amount of expenditure. Rs. a. p.	Amount drawn. Rs. a. p.
Drainage and Water Works (Rs. 26,94,000) Loan of 1878—			
Drainage, 1st Section	16,32,532 1 8		
Water Works (Bhundarwada)	10,16,830 13 8		
		26,49,362 14 6	26,94,000 0 0
Surface Drainage Works		6,00,000 0 0	6,00,000 0 0
Sanitary Works (44 Lakhs) Loan—			
Surface Drainage Works (Rs. 13,22,134-3-3 —Rs. 6,00,000)	7,22,134 3 3		
Drainage (1883-84)	8,11,479 13 7		
Do. (1884)	4,01,080 11 5		
Ripon Road	1,41,500 1 2		
Other Sanitary Works	87,110 9 6		
Water Works	18,95,947 12 0		
		40,59,253 2 11	44,00,000 0 0
Sanitary Works (Rs. 7 Lakhs) Loan—			
Fort Drainage, &c.	4,62,337 0 0		
Water Works	1,42,241 5 4		
		6,04,578 5 4	7,00,000 0 0
Drainage and Water Works (Rs. 12 Lakhs) Loan—			
Queen's Road Sewerage, &c.	9,01,437 3 2		
Water Works (Frere Road Main)	80,031 5 0		
		9,81,468 8 2	12,00,000 0 0
Miscellaneous Works (Rs. 10,08,500) Loan—			
Drainage Works	58,396 14 10		
Cross Road at Mahaluxmi Station	19,594 4 8		
Nowroji Hill Road	64,798 13 0		
Markets (Erskine Road, &c.)	4,66,906 2 8		
Water Works	1,16,214 3 2		
		7,45,910 6 4	10,08,500 0 0
House Sullage Water Connections, Agripada (Rs. 2,48,000) Loan		2,33,583 12 10	2,48,000 0 0
Various Sanitary Works (Rs. 35 Lakhs) Loan—			
Drainage	13,864 7 3		
New roads at Agripada and elsewhere	23,12,546 4 8		
Bhuleshwar Market Extension and Foras Road Market	3,72,226 3 2		
Other Works	3,31,811 2 3		
Water Works	8,72,574 9 10		
		39,03,022 11 2	35,00,000 0 0
Tansa Water Works (147 Lakhs) Loan		1,46,89,928 0 7	1,47,00,000 0 0
Municipal Building (including Furniture, &c.) [8 Lakhs] Loan		7,83,060 3 0	8,00,000 0 0
Fire Brigade Quarters, &c. (4½ Lakhs) Loan		3,87,508 3 9	4,50,000 0 0
23¼ Lakhs Drainage, Water Works, Roads and other Works Loan—			
Drainage	18,00,786 0 4		
Falkland Road Overbridge	14,444 15 1		
Wari Bunder Bridge	1,82,652 0 0		
Other Works	5,890 14 1		
Water Works	1,36,600 4 7		
		20,90,374 2 1	23,25,000 0 0
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loans—			
Drainage	5,10,263 5 2		
Wari Bunder and Victoria Roads ... Rs. a. p. 2,03,005 7 7			
Less—Contributed by the Port Trust for Wari Bunder Road ... 1,56,500 0 0			
	46,505 7 7		
Burial Ground	2,02,659 8 1		
Water Works	283 14 4		
		7,59,712 3 2	10,00,000 0 0
Carried over... Rs.		3,24,37,707 9 10	3,36,25,500 0 0

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...		3,24,37,707 9 10	3,36,25,500 0 0
25 Lakhs Loan for Sewerage, &c., Works—			
Drainage ...	1,39,202 8 0		
Water Works ...	157 10 11		
Disposal of Town Sweepings and land for Burial Ground ...	3,66,066 13 6		
		5,05,426 11 5	.....
19½ Lakhs Loan for Sewerage, Roads, &c., Works—			
Drainage ...		122 12 0	.....
Loan for Plague expenses—			
Plague expenses incurred in 1896-97 and 1897-98, partly paid out of the temporary loan of Rs. 20 lakhs and partly advanced from surplus balances ...		17,62,838 11 7	12,00,000 0 0
Works executed out of savings on different loans—			
Drainage ...	2,53,428 8 6		
Water Works ...	1,75,660 8 6		
Markets ...	30,172 8 0		
Roads, &c. ...	47,379 4 4		
Miscellaneous Works ...	4,732 10 8		
		5,06,373 8 0	.....
Advanced from Surplus Balances—			
Survey for pipe sewers in Umarkhadi and other Districts ...	11,621 6 4		
Establishment for altering drawings for sewerage of the Umarkhadi District ...	468 6 9		
Tracing plans and sections of the Parel, Mazagon, and Old Race Course Districts ...	1,087 15 3		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts and other works ...	23,215 0 0		
Establishment for the scheme for facilitating the escape of flood water ...	1,084 1 8		
	37,466 13 9		
	Rs. a. p.		
Fees to Major Tulloch for preparing a report on the best means for filtration of Tulsi water-supply ...	1,877 12 0		
Laying mains in Reay and Kalachoki Roads and other places ...	797 6 1		
	2,675 2 1		
Overbridge at Forgusson and DeLisle Roads ...	1,984 0 0		
Diversion of Arthur Road over the masonry bridge constructed over the old main drain ...	86 8 0		
Overbridge at Curry Road	7,388 3 10		
	9,458 14 10		
Health Department Stables in F and G Wards ...	68,120 8 2		
Health Department Bigaris' Chawl at Bori Bunder	50,058 0 7		
	1,18,178 8 9		
		1,07,779 4 5	.....
Total ... Rs.		3,58,82,248 9 3	3,48,25,500 0 0

16. It will be seen from statement D that the year closed with a surplus cash balance, excluding the one lakh required by law, of Rs. 2,25,501-12-11. This result, it might be mentioned, is arrived at after allowing for two disturbing factors which were not anticipated either when the Budget Estimate for the year was framed or at the beginning of the financial year.

The first of these is the loss, for the time being, of an asset in the shape of the Agripada, &c., Estate, for which a net sum of Rs. 8,12,546-4-8 was advanced to the close of the financial year. It was expected when the advances were made that this sum would be more than recouped to surplus cash balance by the sale of frontage lands. But the constitution of the City Improvement Trust has deprived the Municipality of these expectations by the transfer to that body of the lands acquired by the Corporation.

The second disturbing element in this account, as in all financial considerations for the year, is the influence of plague.

It will be seen from para. 8 of my report that a grant of Rs. 5,00,000 was made from current revenue during the year on account of plague operations. Of this sum Rs. 3,50,000 has been taken as a rebate to current revenue during 1898-99, and Rs. 1,50,000 has been allowed to stand for the present as a charge against the surplus cash balance (*vide* Introductory Remarks to the Budget Estimate for 1898-99).

With the uncertainty surrounding an estimate of our plague expenditure, coupled with a doubt as to the extent to which loan funds can or will be raised for plague purposes, it is premature to forecast the recoupment that is likely to be made to current revenue (surplus cash balance) for expenditure on plague met from that source.

17. I do not consider it out of place to here bring to notice that, when preparing the Budget Estimate for 1898-99, the surplus cash balance at the close of 1897-98 was estimated at Rs. 9,00,000.

I have already pointed out that our surplus must for the present at least be reduced by Rs. 8,12,546-4-8 owing to the transfer of the Agripada, &c., Estate to the City Improvement Trust. Without this asset the opening balance as estimated would stand at Rs. 87,453-11-4. It actually stands at Rs. 3,25,501-12-11 (including the one lakh required by law).

The increase of Rs. 2,38,048-1-7 is made up thus :—

Income realized in 1897-98 in excess of the amount estimated while preparing the Budget Estimate for 1898-99	Rs.	57,405	8	4
Savings in expenditure in 1897-98 in addition to those estimated while preparing the Budget Estimate for 1898-99	„	1,76,832	0	9
Unappropriated balance of the amount reserved in the Budget Estimate for 1898-99 for additional grants to be sanctioned up to 31st March 1898 ...	„	5,556	7	9
	Rs.	2,39,794	0	10
Less—				
Increase in balance of Reserve Stock in 1897-98 ...	„	1,745	15	3
	Rs.	2,38,048	1	7

18. Passing on from Estimates to Actuals, it will be seen from page 97 of the Administration Report of this department for 1896-97 that the unhypothecated surplus cash balance at the close of that year amounted actually to Rs. 13,03,549-11-5 excluding the one lakh required by law. By the close of 1897-98 it will be seen that this sum had dwindled

down to Rs. 2,25,501-12-11, *i.e.*, the year 1897-98 was answerable for appropriations for expenditure unprovided in the Budget Estimates to the extent of Rs. 10,78,047-14-6, thus :—

Surplus in the beginning of 1897-98		Rs.	13,03,549 11 5
Add—			
Lapsed grants for 1896-97 and previous years renewed	„		6,71,162 7 11
		Rs.	19,74,712 3 4
Income in 1897-98	„		71,45,560 8 5
		Rs.	91,20,272 11 9
Less—			
Expenditure in 1897-98 ... Rs. 74,96,969 2 10			
Lapsed grants to be renewed in 1898-99 ... ... „ 5,83,509 8 1			
	„		80,80,478 10 11
		Rs.	10,39,794 0 10
Less—			
Advanced for frontage lands in Agripada Estate, &c.	„		8,12,546 4 8
		Rs.	2,27,247 12 2
Less—			
Advances for Reserve Stock in 1897-98	„		1,745 15 3
Net Surplus ...		Rs.	2,25,501 12 11

APPENDICES.

19. *Nos. 1-A and B.*—From the first statement it will be seen that owing to sixteen debentures, one redeemable on 1st January 1890, one on 1st January 1893 and fourteen on 1st January 1898, not having been surrendered by the holders thereof for repayment up to the close of 1897-98 a sum of Rs. 8,000 remained unpaid on account of the Drainage Loan of 1878, and has been renewed in 1898-99 to meet the liability when presented. The outstanding interest on the loan as per the second statement amounted to Rs. 5,125 less than in the preceding year.

Nos. 1-C and D.—The former statement exhibits the amount of interest paid from the raising of the 44 Lakhs Sanitary Works Loan to the end of 1897-98, the amount of the principal already paid off, and the sum invested as Sinking Fund on account of the loan. From the latter statement it will be seen that the outstanding interest on this loan on 31st March 1898 was reduced from Rs. 33,850 in 1896-97 to Rs. 27,862-8-0.

Nos. 1-E to O show the outstanding interest on the different loans in the beginning of 1897-98, the amounts due in that year, the amounts paid in that year, and the outstanding balances at the close of the year. They also show the amounts of Sinking Fund invested on account of the different loans.

20. *No. 2.—Town Duty Statement.*—As usual this statement gives the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, and the refunds allowed thereon under Section 192 (2) on their export.

In the subjoined table the Balances, Revenue, and Refunds during the year are contrasted with those of the preceding year :—

	1896-97.		1897-98.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	7,023		3,695	
Revenue	15,30,411	15,37,439	17,29,761	17,33,456
Deduct—				
Refunds	8,88,600		7,58,532	
Closing Balance	3,695	8,92,295	23,500	7,82,032
Net Revenue		6,45,144		9,51,424
Less—Cost of Collection, &c.		65,406		62,808
Net Revenue after payment of Collection Charges	Rs.	5,79,738	Rs.	8,88,616

The gross collections for the year were estimated in the Budget Estimate at Rs. 17,01,000, and the refunds at Rs. 7,88,000; thus a net revenue of Rs. 9,13,000 was estimated from this source. From the figures given above it will be seen that the actual realizations were Rs. 28,761 more, and the refunds Rs. 29,468 less, than the estimates. Thus there was an increase in revenue of Rs. 58,229. But as the closing balance at the end of the year was Rs. 19,805 more than in the preceding year, the net increase in revenue over the estimate was reduced to Rs. 38,424. The increase of Rs. 28,761 was principally under Sugar, while the decrease of Rs. 29,468 in refunds was chiefly under Grain. In the marginal figures I have contrasted the gross income from the duties levied during the year with those of the preceding year. Except small decreases amounting to Rs. 18,656 under Grain and Ghee, there were increases aggregating Rs. 2,18,006 under all the other items, more especially under Sugar. This feature of our income has already been treated of in para. 6 of my report.

Articles.	Actuals for 1896-97.	Actuals for 1897-98.	More.	Less.
	Rs.	Rs.	Rs.	Rs.
Grain	2,07,799	1,92,873	...	14,926
Flour	24	94	70	...
Wines & Spirits	2,15,751	2,31,963	16,212	...
Beer	26,681	27,569	888	...
Sugar	7,68,920	9,55,112	1,86,192	...
Ghee	1,79,565	1,75,835	...	3,730
Timber ...	1,05,053	1,11,645	6,592	...
Firewood	26,618	34,670	8,052	...
Total Rs...	15,30,411	17,29,761	2,18,006	18,656
			18,656	
			Increase.	1,99,350

In the report for the current year I hope to be able to deal also with the actual realizations from town duties as contrasted with the revised estimates.

21. *No. 3* is the usual Cash Account statement comprising all the cash transactions of the year, including adjustments and showing the total receipts and disbursements of the year, together with advances, deposits, investments, &c.

LOAN WORKS.

22. Rs. 3,561-4-3 spent on laying pipe sewers in certain narrow lanes in the Mandvi District, which were originally omitted from the work done in the First Drainage Section, raised the total expenditure on

drainage works sanctioned out of the Drainage Loan of Rs. 16,94,000 of 1878 to Rs. 16,32,532-1-3 as detailed below:—

	Estimate of 17th January 1879.	Contract sanctioned on 24th January 1880.	Sanctioned contract plus additional works subsequently sanctioned in 1881.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.	Amount payable for work to be done.	Grand Total.
	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Main Sewers	6,04,264	4,69,974	4,94,272	4,92,691 8 2	.....	4,92,691 8 2	.....	4,92,691 8 2
Pipe Sewers	4,72,364	3,71,164	3,75,536	2,77,267 13 4	3,561 4 3	2,80,829 1 7	23,915 8 0	3,09,744 9 7
Outfall Sewer		2,03,542	2,56,585	2,55,766 10 0	.....	2,55,766 10 0	.....	2,55,766 10 0
New Pumping Station ...	3,50,000	1,00,000	99,241	98,289 9 6	.....	98,289 9 6	.....	98,289 9 6
One pair of Engines ...		86,500	92,500	95,742 3 9	.....	95,742 3 9	.....	95,742 3 9
Establishment	2,73,372	4,68,820	1,91,741	.....	.....	.....	.....	.....
Contingencies			3,81,866	2,93,482 5 10	.....	2,93,482 5 10	1,343 6 9	2,94,825 12 7
	17,00,000	17,00,000	17,00,000	15,13,240 2 7	3,561 4 3	15,16,801 6 10	30,258 14 9	15,47,060 5 7
Kamatipura Works ...	.....	.....	.....	76,471 4 6	.....	76,471 4 6	.....	76,471 4 6
Clerk Road Sewer	.....	.....	.....	39,259 5 11	.....	39,259 5 11	.....	39,259 5 11
			Rs.	16,28,970 13 0	3,561 4 3	16,32,532 1 3	30,258 14 9	16,62,791 0 0
Balance transferred to Bhandarwada Loan as per Commissioner's No. 7617, dated 14th September 1886, adopted by the Town Council and the Corporation.								31,209 0 0
							Total Rs....	16,94,000 0 0

23. On house connection works carried out in Mandvi, Malabar Hill, Colaba, Parel and other places, a sum of Rs. 76,219-2-3 was expended in 1897-98. This brought the total expenditure on Drainage Works sanctioned out of the 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 lakhs) to Rs. 8,11,479-13-7 as under :—

	Rs. a. p.	Sanctioned Grant. Rs. a. p.	Amount expended up to 31st March 1897. Rs. a. p.	Amount expended during 1897-98. Rs. a. p.	Total. Rs. a. p.
Queen's Road Intercepting Sewer, including compensation for land		1,92,000 0 0			
Less—Compensation received from Govt....	50,000 0 0				
Cost of Establishment	12,348 0 0	62,348 0 0			
		1,29,652 0 0			
Add—Amount transferred from Surface Drainage Works		24,317 0 0			
		1,53,969 0 0	1,53,969 0 0	.....	1,53,969 0 0
House Connections without privy fittings ...	5,71,165 0 0				
Add—Amount transferred from the provision for Ovoid Sewer, Argyll Road	19,046 14 4				
	5,90,211 14 4				
Less—Amount transferred to meet excess on Pumping Engine	11,600 0 0				
Automatic Flushers at heads of gullies		5,78,611 14 4	2,92,389 10 11	76,219 2 3	3,68,608 13 2
Two more Pumping Engines	88,000 0 0	5,570 0 0	.....	.....	.....
Transfers sanctioned for excess cost of the Engines ... ... Rs. 9,600					
„ for extras required in connection with the erection of the Engines ... ... „ 2,000					
	11,600 0 0				
	99,600 0 0				
Less—Savings transferred to other works ...	1,161 14 3	98,438 1 9	98,438 1 9	.....	98,438 1 9

House Connections, Kamathipura	60,161 0 0					
Less—Savings transferred to other works ..	25,183 8 7					
Provision for Shaft Ventilators throughout ...	45,652 0 0	34,977 7 5	34,977 7 5	.....	34,977 7 5	
Less—Savings transferred to other works ..	704 15 6					
Establishment	89,239 0 0	44,947 0 6	44,947 0 6	.....	44,947 0 6	
Less—Savings transferred to other works ...	370 0 0					
House Connections Survey	4,621 0 0	88,869 0 0	88,869 0 0	.....	88,869 0 0	
Less—Savings transferred to other works ..	59 2 9					
Survey of Pipe Sewers	5,113 0 0	4,561 13 3	4,561 13 3	.....	4,561 13 3	
Less—Transferred to other works	5,113 0 0					
Closing storm-water openings in Frere Road sewe	22,827 0 0	.....	.....	.....	.....	
Add—Amount transferred from the Argyl Road pipe sewer	2,369 0 0					
	25,196 0 0					
Less—Savings transferred to other works ..	8,087 6 6					
		17,108 9 6	17,108 9 6	.....	17,108 9 6	
	Total... Rs.	10,27,052 14 9	7,35,260 11 4	76,219 2 3	8,11,479 13 7	

24. With the small sum of Rs. 174-9-9 spent during the year on making a house connection in Vanka Mohla, the total expenditure on the Queen's Road house connections and pipe sewer works sanctioned out of the 12 Lakhs Drainage and Water Works Loan, came to Rs. 9,01,437-3-2 as shown below :—

		Sanctioned Grant.	Revised Estimate sanctioned under Standing Committee's Resolution Nos. 9276, dated 17th December 1890, and 4530, dated 30th July 1891.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Queen's Road pipe sewers ..		2,50,086 0 0	6,24,525 0 0	6,09,998 4 2	.....	6,09,998 4 2
Do. house-connections ..		7,19,418 0 0	2,36,677 0 0	1,91,027 9 4	174 9 9	1,91,202 3 1
Establishment and Contingencies	Rs. a. p. 1,46,425 0 0					
Deduct—						
Catchpit works sanctioned under Corporation's Resolution No. 6324, dated 10th September 1894 ..	13,808 0 0					
		1,31,617 0 0	2,66,737 0 0	90,203 5 3	....	90,203 5 3
Catchpit works		13,808 0 0	....	10,033 6 8	....	10,033 6 8
		11,14,929 0 0	14,14,929 0 0			
		say 11,15,000 0 0	say 14,15,000 0 0			
Less—						
Savings transferred to other works ..	52,218 4 9					
Do. to meet excess on the Colaba sewerage works ..	50,000 0 0					
		1,02,218 4 9	1,02,218 4 9	....	....	....
Total..	Rs.	10,12,781 11 3	10,12,781 11 3	9,01,262 9 6	174 9 9	9,01,437 3 2

25 On the Colaba and Umarkhadi Sewerage Works an expenditure of Rs. 58,858-13-7 was incurred during the year. The total expenditure on the Drainage Works sanctioned out of the 23¼ Lakhs Loan thus aggregated Rs. 18,00,786-0-4 after deducting the sum of Rs 15,600 realized by the transfer of the old boiler house, portable engine house, &c., at Love Grove, to the Drainage Department :—

	Original Estimate.	Revised Estimate sanctioned under Corporation's Resolution No. 3604, dated 17th July 1893.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
Engines and Pumps required for the working of the Love Grove Pumping Station.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cost of engines and pumps as sanctioned under Corporation's Resolution No. 6435, dated 8th September 1891—£ 23,960 at 1s. 5d. .. .. Rs. 3,38,259 0 0		3,76,771 11 4			
Increased charges for machinery sanctioned under Corporation's Resolution No. 7349, dated 13th October 1892, on account of the fall in exchange .. .. „ 40,000 0 0		2,463 7 10			
Additional grant sanctioned under Corporation's Resolution No. 7559, dated 11th October 1894, to meet excess on the last instalment payable to the contractors, due to fall in exchange		241 4 0			
Telegram charges sanctioned out of savings in the grant	3,78,259		3,79,476 7 2	3,79,476 7 2	3,79,476 7 2
Construction of engine and boiler houses, &c., and the foundations of engines, as per Corporation's Resolution No. 6435, dated 8th September 1891	31,350	13,751 0 0			
Less—Electric lighting sanctioned out of savings		975 0 0	12,776 0 0	12,222 7 7	12,222 7 7
Additional grant sanctioned under Corporation's Resolution No. 3317, dated 4th July 1892, to be met from the sale proceeds of old engines, &c.	40,000	57,887 0 0			
Less—Several works sanctioned out of savings		5,228 3 0	52,658 13 0	52,658 13 0	52,658 13 0
Erection of machinery, &c.		23,805 0 0			
Add—Amount sanctioned from savings (*vide* Commissioner's No. 10460 of 11th October 1893)		2,712 8 0	26,617 8 0	26,281 4 0	26,281 4 0
Establishment and contingencies .. .. Rs. 18,883 0 0					
Less—Transferred to erection of machinery .. .. Rs. 2,712 8 0					
Telegram charges .. .. „ 241 4 0					
„ 2,953 12 0	30,391				
Sundry other works sanctioned in the revised estimate.		15,029 4 0			
Do. do. by the Commissioner out of savings ..		9,850 0 0			
		6,293 3 0	31,982 7 0	31,860 1 5	31,860 1 5
	5,80,000		5,03,411 3 2	5,02,499 1 2	5,02,499 1 2
Less—Cost of erecting a new engine and boiler house at Love Grove to be recovered from the sale proceeds of the four engines and boilers, &c.	40,000		40,000 0 0	*Cr.* 23,553 8 8	*Cr.* 15,600 0 0 *Cr.* 39,153 8 8
Total Rs. ..	4,40,000		4,63,411 3 2	4,76,946 8 6	*Cr.* 15,600 0 0 4,63,346 8 6
		Carried over Rs. ..	4,63,411 3 2	4,78,946 8 6	*Cr.* 15,600 0 0 4,63,346 8 6

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs..	4,63,411 3 2	4,78,945 8 6	Cr.15,600 0 0	4,63,346 8 6
Storm-water drains and pipe sewers in Connaught and Sussex Roads	37,537 0 0	24,858 15 3	....	24,858 15 3
Establishment and Contingencies, &c... .. .. Rs. 6,772 0 0				
Road repairs.. .. .. „ 7,607 0 0				
	14,379 0 0	11,065 0 6	....	11,065 0 6
	51,916 0 0	35,923 15 9	....	35,923 15 9
Storm-water drains in different places	21,321 0 0	19,416 11 9	....	19,416 11 9
Establishment and Contingencies	3,198 0 0	2,402 15 5	....	2,402 15 5
	24,519 0 0	21,819 11 2	....	21,819 11 2
Miscellaneous extensions and improvements of Drains	36,871 0 0	33,664 6 1	....	33,664 6 1
Storm-water drains in Morland, Club and Souter Roads and Gilder Street	1,26,288 0 0	79,644 0 2	....	79,644 0 2
Sewerage of Colaba .. .. Rs. 6,17,050 0 0				
Add—Amount transferred from the Queen's Road pipe sewers and house connections, as per Corporation's Resolution No. 5339, dated 9th August 1894 .. .. .. „ 50,000 0 0				
Additional grant sanctioned under Corporation's Resolution No. 3888, dated 2nd July 1896 .. .. Rs. 78,437 0 0				
Deduct—Amount realized by auction sale of materials .. „ 14,446 13 6				
„ 63,990 3 0				
Establishment and Contingencies .. .. Rs. 92,558 0 0				
Add—Amount of Government Promissory Notes deposited by Messrs. Bulkley & Co. to be sold as per Commissioner's No. 4290, dated 5th June 1896 .. .. .. „ 6,200 0 0				
	98,758 0 0	96,546 7 0	.....	96,546 7 0
	8,39,798 3 0	8,17,161 15 3	2,149 11 9	8,19,311 11 0
Sewerage of Umarkhadi .. .. Rs. 3,02,143 0 0				
Add—Amount transferred from the grant for the main sewer of Parel as per Corporation's Resolution No. 7247, dated 10th October 1895 .. .. „ 37,034 0 0				
	3,39,177 0 0	2,45,122 11 0	56,709 1 10	3,01,831 13 4
Establishment and Contingencies	45,321 0 0	45,244 14 4	....	45,244 14 4
	3,84,498 0 0	2,90,367 9 10	56,709 1 10	3,47,076 11 8
GRAND TOTAL.. Rs.	19,19,301 6 2	17,57,527 2 9	43,258 13 7	18,00,786 0 4

26. The total expenditure incurred up to 1897-98 on the Drainage Works sanctioned out of the 15¾ Lakhs Loan aggregated Rs. 5,10,263-5-2, as shown below, including Rs. 1,27,445-10-9 spent during the year on the sewerage of the Mazagon, Malabar and Khamballa Hills, Fergusson Road, and Chinchpokli and old Race Course Districts on the gravitation system :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sewerage of the Mazagon District on gravitation system	2,89,271	2,03,818 8 8	16,301 2 7	2,20,119 11 3
Establishment and Contingencies	43,390	31,906 0 6	3,846 1 4	35,752 1 10
Rs.	3,32,661	2,35,724 9 2	20,147 3 11	2,55,871 13 1
Sewerage of Malabar and Khambala Hill Districts on gravitation system	1,36,545	1,07,662 2 5	7,927 0 10	1,15,589 3 3
Establishment and Contingencies	20,481	13,564 14 4	232 1 8	13,797 0 0
Rs.	1,57,026	1 21,227 0 9	8,159 2 6	1,29,386 3 3
Sewerage of Fergusson Road and Chinchpokli District on gravitation system, including pipe sewers in Fergusson and Bapty Roads	81,367	19,600 12 1	56,059 5 7	75,660 1 8
Establishment and Contingencies	12,205	4,413 4 5	5,587 4 10	10,000 9 3
Rs.	93,572	24,014 0 6	61,646 10 5	85,660 10 11
Raising sewage in Queen's Road sewer .. Rs.	1,96,197	1,862 0 0	....	1,862 0 0
Sewerage of Old Race Course District on gravitation system	39,047	*Cr. 10 0 0*	32,122 4 1	32,112 4 1
Establishment and Contingencies..	7,223	....	5,370 5 10	5,370 5 10
	46,270	*Cr. 10 0 0*	37,492 9 11	37,482 9 11
Total..Rs.	8,15,726	3,82,817 10 5	1,27,445 10 9	5,10,263 5 2

27. On the sewerage of the Mazagon District, Sectional, and the construction of a storm-water drain from the Wellington Fountain *via* the Bandstand to the sea, and on the purchase of machinery for the sewerage of the Parel, the Mazagon, &c., Sectional Districts, sanctioned out of the 25 Lakhs Loan, a sum of Rs. 1,39,202-3-0 was spent in 1897-98 as datailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended up to 31st March 1898.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Machinery for the sewerage of Parel, Mazagon, &c., Sectional Districts.	8,77,625	....	80,442 11 0	80,442 11 0
Establishment and Contingencies..		....	21,951 8 11	21,951 8 11
		....	1,02,394 8 11	1,02,394 8 11
Mazagon District—Sectional ..	3,30,072	....	....	....
Establishment and Contingencies.		....	3,118 2 0	3,118 2 0
		....	3,118 2 0	3,118 2 0
Stormwater drain from Wellington Fountain *via* Bandstand to the sea.	37,355	....	27,405 1 2	27,405 1 2
Establishment and Contingencies..		....	6,284 11 11	6,284 11 11
		....	33,689 13 1	33,689 13 1
Total.... Rs.	12,45,052	....	1,39,202 3 0	1,39,202 3 0

28. In connection with improvements in the existing road-side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, and improvements in the watercourse from Dadar Road, for which a sum of Rs. 30,475 has been provided in the 19¼ Lakhs Loan, a sum of Rs. 122-12-0 was spent in 1897-98 on establishment and advertisement charges.

29. The expenditure on drainage works sanctioned out of savings on different loans aggregated Rs. 2,53,428-8-6, as detailed below,

including Rs. 96,266-7-9 spent during the year on construction of a storm-water drain in Khetwadi and other works :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a p.	Rs. a. p.
Main sewerage of Parel	67,481	13,522 2 9	....	13,522 2 9
Establishment and Contingencies	10,122	8,599 4 11	....	8,599 4 11
	77,603			
Less—Savings transferred to Umerkhadi Sewerage Works—*vide* Corporation's Resolution No. 7247, dated 10th Oct. 1895.. .. .. Rs. 37,034				
Less—Savings transferred to Pipe Sewers, Currey Road.. „ 4,246				
Do. do. Lalwady.. „ 2,579				
	43,359			
Rs.	33,744	32,121 7 8	....	32,121 7 8
Arching over with brick masonry the main drain at Arthur Road Crossing	15,652	14,819 13 6	....	14,819 13 6
Establishment and Contingencies	2,348	835 2 10	....	835 2 10
Rs.	18,000	15,655 0 4	....	15,655 0 4
Laying branch pipe sewers in the village of Parel .. .. Rs. 18,132				
Less—Transferred to 9" pipe line at Parel village, Standing Committee's Resolution No. 461, dated 10th April 1895.. .. .. „ 1,029				
	17,103	14,803 2 0	....	14,803 2 0
Establishment and Contingencies	2,720	2,724 11 11	....	2,724 11 11
Rs.	19,823	17,527 13 11	....	17,527 13 11
Completing the storm-water drain from the top of Bazaar Gate Street to the Salvation Army Hall, Hornby Road	16,809	10,646 2 10	....	10,646 2 10
Establishment and Contingencies	4,789	3,813 16 9	....	3,813 16 9
Rs.	21,598	14,460 2 7	....	14,460 2 7
Pipe sewer in Currey Road .. .. .. Rs.	4,246	2,595 15 5	....	2,595 15 5
9" Pipe sewer at Lalwady	2,579	2,087 8 2	....	2,087 8 2
Sewerage of Parel on the gravitation system ..	81,629	58,127 13 3	3,953 4 2	62,081 1 5
Storm-water drain in Cruikshank Road ..	27,073	17,337 6 0	....	17,337 6 0
9" Pipe line at Parel village sanctioned under Standing Committee's Resolution No. 461, dated 10th April 1896	1,029	878 7 8	....	878 7 8
Laying 9" pipe for the carriage of storm-water to the Sea from the eastern half of the Wodehouse Road	2,008	711 5 10	1,280 11 6	1,992 1 8
Constructing catchpit on the Mint Road sewer opposite the European General Hospital ..	4,468	11 15 0	....	11 15 0
Altering and ovoiding storm-water drain in Girgaum	15,586	775 0 0	10,661 3 9	11,436 3 9
Storm-water drain in Khetwady	54,486	925 0 0	44,616 13 4	46,541 13 4
Draining storm-water from public roads round the Mahaluxmi Dhobiwada	1,415	447 1 4	708 14 11	1,156 0 3
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters sanctioned under Corporation Resolution No. 12038 of 4th February 1897	25,625 / 3,500	3,500 0 0	293 15 7	3,793 15 7
Masonry drain from Girgaum Road and passing through night-soil depot and across Mathew Road	23,078	....	9,575 1 11	9,575 1 11
Opening of the existing public water-course behind Mr. Cama's property, Parel Road ..	7,629	....	8,362 6 7	8,362 6 7
Laying 12" pipe sewers from the Emergent Reservoir to the manholes in Apollo Street	3,180	....	3,169 7 8	3,169 7 8
Storm-water drains in different places	30,974	....	14,246 12 2	14,246 12 2
Ovoiding side drains in 1st Pathan Street	6,201	....	4,398 12 8	4,398 12 8
Total.. Rs.	3,88,473	1,67,162 0 9	96,266 7 9	2,63,428 8 6

30. As sanctioned in Corporation's Resolution No. 246, dated 5th April 1897, a sum of Rs. 1,084-1-8 was advanced out of surplus balances on account of establishment charges for the scheme for facilitating the escape of flood-water. The total advances made on account of survey, &c., charges for different works aggregated Rs. 37,466-13-9, as detailed below :—

	Amount expended up to 31-3-97.	Amount expended in 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Survey for pipe sewers in Umarkhadi and other Districts	11,621 6 1	.....	11,621 6 1
Establishment for altering drawings for sewerage of the Umarkhadi District ..	458 6 9	.....	458 6 9
Establishment for the preparation of plans and estimates for the sewerage of the Mazagon, Parel and Old Race Course Districts	23,215 0 0	.....	23,215 0 0
Tracing the plans and sections of the Parel, Mazagon and Old Race Course Districts	1,087 15 3	.....	1,087 15 3
Establishment for the scheme for facilitating the escape of flood-water	.....	1,084 1 8	1,084 1 8
Total... Rs	36,382 12 1	1,084 1 8	37,466 13 9

These items have remained unadjusted for some time, and I am addressing the Special Drainage Engineer with a view to clearing the advances as early as possible.

31. The sum of Rs. 781-15-2 paid in 1897-98 on account of Municipal Solicitors' charges in connection with the acquisition of land from the Pawai Estate for the Tansa Duct and sundry other charges brought

the total expenditure incurred up to 31st March 1898 on the Tansa Water Works out of the Tansa Loan to Rs. 1,46,89,923-0-7 as under :—

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 4609, 12743 & 1537, dated 12th Oct. 1893, 7th Feb. 1895 and 6th May 1895.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
Dam, Outlet Works, &c.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Payments to Messrs. Glover & Co. for Dam construction	35,43,863 14 6	35,43,863 14 6	.....	35,43,863 14 6
Outlay on outlet works, screens, &c....	10,724 1 9	10,640 1 9	.....	10,640 1 9
Memorial structure at Tansa ...	2,628 0 0	2,185 2 9	.....	2,185 2 9
Rs.	35,57,216 0 3	35,56,689 3 0	.....	35,56,689 3 0
Duct from Tansa Dam to Ghatkopar.				
Payments to Messrs. Walsh, Lovett, Mitchell & Co.... ...	55,09,630 1 0	55,08,480 0 8	.....	55,08,480 0 8
Four Sluice houses on Siphon No. 6	16,211 5 0	16,211 5 0	.....	16,211 5 0
Sixteen cabins along the line of Duct	12,871 11 8	12,871 11 8	.....	12,871 11 8
Roofing over the conduit at Bandra	7,680 0 0	7,680 0 0	.....	7,680 0 0
Widening creek banks at Thana and other protective works ...	6,814 15 2	6,814 15 2	.....	6,814 15 2
Protective works in sub-divisions Nos. 2 and 3	3,297 11 6	3,297 11 6	.....	3,297 11 6
Gratings at sipbon heads and tails including fixing	1,687 0 9	1,595 9 0	.....	1,595 9 0
Masonry channel to let out water from the Tansa duct into the Vehar Lake	1,348 12 0	1,348 12 0	.....	1,348 12 0
Pitching banks	1,244 0 0	977 0 0	.....	977 0 0
Screen for the Ghatkopar siphon bead	334 0 0	334 0 0	.....	334 0 0
Wrought-iron standards for extension of Bridge No. 3 ...	320 5 1	320 5 1	.....	320 5 1
Flooring Bassein bridge & culverts	13,000 0 0	12,167 5 11	.....	12,167 5 11
Widening embankments at Bassein Creek	10,000 0 0	9,941 2 0	.....	9,941 2 0
Dry rubble stone pitching on Siphon No. 5	2,447 7 8	2,447 7 8	.....	2,447 7 8
Work at basis of cabins	1,760 0 0	747 4 10	.....	747 4 10
Bungalows to be taken over by the Municipality	500 0 0	200 0 0	.....	200 0 0
Excavating and widening the old Khosta Nulla	320 8 6	320 8 6	.....	320 8 6
Earth filling and loose stone-pitching in No. 4 Division ...	224 0 2	224 0 2	.....	224 0 2
Repairing 2' drain on Siphon No. 2, &c.	204 9 8	204 9 8	.....	204 9 8
Raising manholes in No. 3 Division	38 8 1	38 8 1	.....	38 8 1
Masonry required at Ghatkopar clearing sluice	883 14 4	691 13 3	.....	691 13 3
Renewing boundary marks ...	2,000 0 0	78 14 0	.....	78 14 0
Rs.	55,92,868 14 2	55,86,987 15 9	.....	55,86,987 15 9
Carried over...Rs.	91,50,084 14 5	91,48,677 2 9	.....	91,48,677 2 9

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609, 12743 & 1537, dated 12th Oct. 1893, 7th Feb. 1895 and 6th May 1895.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	91,50,084 14 5	91,43,677 2 9	.....	91,43,677 2 9
Duct from Ghatkopar to Bombay.				
Payments to Messrs. Sittaram Luxumon & Co.	3,43,765 11 1	3,43,765 11 1	.....	3,43,765 11 1
27" Arthur Road Main	39,835 3 7	39,835 3 7	.....	39,835 3 7
Earthwork between Ghatkopar and Matunga	34,190 2 8	34,190 2 8	.....	34,190 2 8
Sub-way at Chinchpokli	20,317 6 3	20,317 6 3	.....	20,317 6 3
Alterations at Kurla Creek ...	14,587 14 3	14,587 14 3	.....	14,587 14 3
Ironwork for swing bridge at Kurla	13,422 15 6	13,422 15 6	.....	13,422 15 6
Construction of three sluice houses	12,757 1 2	12,757 1 2	.....	12,757 1 2
Erection of bridge at Ghatkopar...	8,723 8 0	8,723 8 0	.....	8,723 8 0
Ironwork for bridge at Ghatkopar	5,980 0 0	5,980 0 0	.....	5,980 0 0
Diversion of gas main and sundry petty charges	5,102 2 6	5,102 2 6	.....	5,102 2 6
Pumping out water at Chinchpokli	4,053 5 1	4,053 5 1	.....	4,053 5 1
9" pipe sewer, Arthur Road ...	3,413 8 3	3,413 8 3	.....	3,413 8 3
Additional flooring to bridge over the G. I. P. Railway at Ghatkopar	2,295 0 0	2,295 0 0	.....	2,295 0 0
Embankment at Rowli salt works	959 12 10	959 12 10	.....	959 12 10
Lifting 48" main over Ghatkopar bridge	320 0 0	320 0 0	.....	320 0 0
Ghatkopar Strainers	12,000 0 0	10,701 14 8	.....	10,701 14 8
Filling up to pipe embankment level a strip of land taken up for the pipe line at Kurla to store pipes	2,640 0 0	2,131 7 8	.....	2,131 7 8
Additional work, Ghatkopar bridge	1,600 0 0	1,353 5 6	.....	1,353 5 6
Rs.	5,25,963 11 2	5,23,910 7 0	.....	5,23,910 7 0
Pipes, Special Castings, &c.				
Payments to Messrs. Macfarlane, Strang & Co.	37,99,064 10 3	37,98,926 2 5	.....	37,98,926 2 5
Special castings, &c., supplied by Messrs. Richardson and Cruddas and the Water Works Department	21,940 12 7	21,940 12 7	.....	21,940 12 7
Rs.	38,21,005 6 10	38,20,866 15 0	.....	38,20,866 15 0
Land.				
Land acquisition ... .. Rs.	2,77,329 7 10	2,75,513 7 0	781 15 2	2,76,295 6 2
Establishment.				
Establishment ... ... Rs.	5,45,195 2 8	5,45,181 2 8	.....	5,45,181 2 8
Carried over...Rs.	1,48,19,578 10 11	1,43,09,149 2 5	781 15 2	1,43,09,931 1 7

	Amount of Grant as per the final Revised Estimate sanctioned by the Corporation on 23rd Feb. 1893 and subsequently modified as per their Resolutions Nos. 6609, 12743 & 1537, dated 12th Oct. 1893, 7th Feb. 1895 and 6th May 1895.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.	1,43,19,578 10 11	1,43,09,149 2 5	781 15 2	1,43,09,931 1 7
Contingencies.				
Cost of survey (including tents&c.)	49,664 8 8	49,664 8 8	.....	49,664 8 8
Office dead stock, instruments and stationery	19,960 0 0	19,960. 0 0	.....	19,960 0 0
	69,624 8 8	69,624 8 8	.. ...	69,624 8 8
Less—Value of stock, tents, &c., transferred to Water Works stock as sanctioned by the Corporation ...	*16,406 0 0*	*Cr. 16,406 0 0*	.....	*Cr. 16,406 0 0*
	53,218 8 8	53,218 8 8	.....	53,218 8 8
Cost of trial-pits, forest clearing, and petty charges	1,39,598 9 3	1,39,598 9 3	.....	*1,39,598 9 3
Temporary and inferior establishment	2,75,410 12 2	2,75,410 12 2	.....	2,75,410 12 2
Testing Officer's allowance ...	43,338 1 4	43,338 1 4	.....	43,338 1 4
Construction of office and establishment quarters at Tansa and on the Duct line	28,932 15 9	28,932 15 9	.....	28,932 15 9
Construction of permanent quarters in the village of Khaling for the Inspector of Mandola Division	3,932 0 0	3,502 11 11	.....	3,502 11 11
Removing pipes from Kasheli Bunder to Gadowli Depôt ...	34,390 0 0	34,390 0 0	.....	34,390 0 0
Rent for reclaimed land at the Junction of DeLisle and Arthur Roads used for storing pipes ...	6,000 7 8	6,000 7 8	.....	6,000 7 8
Laying drain pipes below the pipe embankment on the Duct line...	2,534 14 9	2,534 14 9	.....	2,534 14 9
Printing & advertisement charges	4,348 0 2	4,348 0 2	.....	4,348 0 2
Sinking a well at Atgaon ...	881 6 6	881 6 6	.....	881 6 6
Law charges	4,215 7 1	4,215 7 1	.....	4,215 7 1
Rs.	5,96,801 3 4	5,96,371 15 3	.....	5,96,371 15 3
Cost of Tansa opening ceremony Rs.	22,400 10 3	22,400 10 3	.....	22,400 10 3
Cost of a set of silver plate presented to Mr. Clarke ... Rs.	1,219 7 6	1,219 5 6	.....	1,219 5 6
	1,49,40,000 0 0	1,49,29,141 1 5	781 15 2	1,49,29,923 0 7
Less—Amount in excess of the Tansa Loan of Rs. 147 lakhs met out of the Premia received on the Loan as sanctioned in Corporation'sResolutions Nos. 8898 and 12693 of 12th Nov. 1891 and 23rd Feb. 1893	2,40,000 0 0	2,40,000 0 0	.....	2,40,000 0 0
Net expenditure ... Rs.	1,47,00,000 0 0	1,46,89,141 1 5	781 15 2	1,46,89,923 0 7

* Including Rs. 11,000 paid to Messrs. Walsh, Lovett, Mitchell & Co. in full settlement of all their claims against the Municipality for extra works and Rs. 10,200, being the proportionate amount debitable to the Tansa Works out of the sum of Rs. 15,000 paid to Mr. Sittaram Luxumon in final settlement of all his claims against the Municipality for bonus, &c.

32. The expenditure incurred up to 1897-98 on the improvement of the outlet towers at Vehar and Tulsi against the grant of Rs. 30,000, provided for the same in the 15¾ lakhs loan amounted to Rs. 283-14-4 including Rs. 4-14-0 spent in 1897-98.

33. On improvements and alterations at the Malabar Hill Reservoir and on covering the storage basin at the Bhandarwada Reservoir and constructing filters over it—works which were sanctioned out of Rs. 23¼ lakhs loan—a sum of Rs. 13,176-12-2 was spent during the year. Thus the total expenditure on Water Works sanctioned out of the 23¼ lakhs loan amounted to Rs. 1,36,600-4-7 as shown below :—

Works.	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs.	Rs.	Rs.
Works at the Bhandawada Reservoir...	1,15,000	73,109 6 0	5,367 4 8	78,476 10 8
Improvements at the Malabar Hill Reservoir	75,000	21,816 8 6	7,809 7 11	29,626 0 5
Extension of water mains ...	30,000	28,026 6 5	.....	28,026 6 5
Road from Vehar to Tulsi ...	25,000	471 8 6	.....	471 8 6
Total.....Rs.	2,45,500	1,23,423 8 5	13,176 12 2	1,36,600 4 7

34. With the expenditure of Rs. 59,121-4-8 incurred during the year on laying new mains in various places, renewing the 3" water main in Worli Road with 9" pipes, and the construction of a residence for the Water Works Chief Inspector and rooms for 6 sluicemen at Babula Tank, the total expenditure on water works sanctioned out of savings on different loans aggregated Rs. 1,75,660-8-6 as per following details :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Construction of residence for the Chief Inspector of Water Works and rooms for 6 sluicemen at Babula Tank Road..	46,360 0 0	14,446 3 0	15,317 11 0	29,763 14 0
Covering the Storage Basin of the Bhandarwada Reservoir and constructing Filters over it	44,597 14 4	44,597 14 4	.....	44,597 14 4
27" and 24" mains from Malabar Hill Reservoir to Frere Fountain ..	50,093 1 2	50,093 1 2	.....	50,093 1 2
Connections at Chinchpokli between Vehar and Tansa Mains	7,402 1 4	7,402 1 4	.....	7,402 1 4
New mains in various places	30,000 0 0	.....	25,206 15 0	25,206 15 0
Extra cost (chargeable to capital) of renewing 3" main in Worli Road with 9" pipes.	.....	.....	18,596 10 8	18,596 10 8
Total..Rs.	1,78,453 0 10	1,16,539 8 10	59,121 4 8	1,75,660 8 6

35. A sum of Rs. 157-10-11 was spent during the year on survey charges in connection with the laying of water mains in Reay, Kalachowki, and other roads, for which a sum of Rs. 2,31,297 has been provided in the 25 Lakhs Loan.

36. A sum of Rs. 22,729-3-9 was spent in 1897-98 out of the Worn-out Water Mains Renewal Fund to cover the cost (chargeable to revenue) of renewing 3″ pipes in Worli Road with 9″ pipes.

37. Rs. 9,891-10-0 were paid during the year for the purchase of land from different parties for a road through Nowroji Hill. This brought the total expenditure on roads sanctioned out of the Rs. 10,08,500 Miscellaneous Works Loan to Rs. 84,393-1-8 as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cross road from Mahaluxmi Station from Clerk Road to Haines Road	22,625	19,594 4 8	....	19,594 4 8
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street	2,63,875	54,907 3 0	9,891 10 0	64,798 13 0
Total..Rs.	2,86,500	74,501 7 8	9,891 10 0	84,393 1 8

38. A sum of Rs. 4,376-3-9 was paid in 1897-98 on account of the construction of Matunga Road and establishment and other charges. During the year Rs. 28,810-12-9 were realized by sale of surplus land in Connaught and Morland Roads and Gilder Street. There was thus a net credit of Rs. 24,434-9-0, which went to reduce the net expenditure on roads and streets in Agripada and elsewhere (sanctioned out of the 15 Lakhs provision made in the 35 Lakhs Various Sanitary Works Loan, and the advance of Rs. 9½ lakhs sanctioned for the purchase of frontage lands) from Rs. 23,36,980-13-8 at the close of 1896-97 to Rs. 23,12,546-4-8 at the close of 1897-98, as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Matunga Road		5,06,631 12 3	1,902 4 1	5,08,534 1 4
Less—				
Cost of land at Sion acquired for the Tansa pipe line and transferred to the Tansa Works Allotment ..		84,543 10 2	.....	84,543 10 2
		4,72,088 2 1	1,902 4 1	4,73,990 7 2
Dadar and Hasali Cross Roads ..		13,270 8 7	.....	13,270 8 7
Agripada Roads		14,00,832 15 3	*Cr. 215 10 8*	14,00,617 4 7
Connaught Road		3,04,861 4 8	.....	3,04,861 4 8
Jakeria Bunder Road	15,00,000	24,217 15 11	....A	24,217 15 11
Morland Road		13,441 6 10	.....	13,441 6 10
Gilder Street		48,997 3 8	.....	48,997 3 8
Souter Road		*Cr. 2,028 2 1*	.....	*Cr. 2,028 2 1*
Club Road		10,464 7 11	.....	10,464 7 11
Establishment		23,907 6 8	1,038 6 3	24,945 12 11
Brokerage, Conveyance and other Legal and Contingent Charges		1,23,627 11 8	1,543 4 6	1,25,170 15 11
Ripon Road		.....	107 15 7	107 15 7
	15,00,000	24,38,681 1 11	4,376 3 9	24,38,057 5 8
Less—Credit on account of sale of frontage land	.....	*Cr. 96,700 4 3*	*Cr. 28,810 12 9*	*Cr. 1,25,511 1 0*
Total..Rs.	15,00,000	23,36,980 13 8	*Cr.24,434 9 0*	23,12,546 4 8

It will be seen from the above that the net advance made for the purchase of frontage lands in excess of the loan allotment of Rs. 15 lakhs was Rs. 8,12,546-4-8, a sum which has been temporarily lost to our surplus cash balance, as explained in para. 16 of my report.

39. The sum of Rs. 5,743-13-7 paid during the year in connection with the Falkland Road and Wari Bunder Bridges raised the total expenditure incurred on the works up to 31st March 1898 to Rs. 1,47,096-15-1, as shown below :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Falkland Road Bridge	22,000	8,978 12 0	5,466 3 1	14,444 15 1
Wari Bunder Bridge..	1,32,652	1,32,374 5 6	277 10 6	1,32,652 0 0
Total.. Rs.	1,54,652	1,41,353 1 6	5,743 13 7	1,47,096 15 1

40. The total expenditure up to 31st March 1898 on the Wari Bunder Road and Victoria Road extension sanctioned out of the 15¾ Lakhs Loan aggregated Rs. 2,03,005-7-7, and deducting from this sum the contribution of Rs. 1,56,500 received from the Port Trust, the net expenditure amounted to Rs. 46,505-7-7, as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Wari Bunder Road	5,07,348	78,370 10 0	94,199 5 7	1,72,569 15 7
Victoria Road..	36,200	30,435 8 0	.....	30,435 8 0
	6,33,548	1,08,806 2 0	94,199 5 7	2,03,005 7 7
Less—Contribution received from the Port Trust	1,56,500	1,56,500 0 0	.....	1,56,500 0 0
Total..Rs.	4,77,048	*Cr.47,693 14 0*	94,199 5 7	46,505 7 7

41. The total expenditure on the purchase and fixing of new pattern hydrants, for which a sum of Rs. 50,000 was sanctioned out of savings on different loans, amounted to Rs. 47,379-4-4, including Rs. 27,764-12-8 spent during the year.

42. A sum of Rs. 86-8-0 was spent during the year on the diversion of Arthur Road over the masonry bridge constructed across the old main drain against a grant of Rs. 22,991 sanctioned by the Corporation in their Resolution No. 9203 dated 3rd December 1896. A reference to this resolution will show that the expenditure was to be met as an advance from Surplus Cash Balance, and subsequently by adjustment against any surplus that may be realized by the sale of frontage lands in Agripada and elsewhere. As under the circumstances repeatedly alluded to in this report the surplus land above referred to no longer forms an asset for practical purposes of hypothecation of funds, it will now be necessary to consider from what source the expenditure on this work should be met.

43. As sanctioned in Corporation's Resolution No. 8347, dated 13th December 1897, a sum of Rs. 7,388-3-10 was advanced from Surplus Cash Balance on account of the payment made to Mr. Sittaram Luximon for his land at Currey Road purchased by the Municipality for part of the site of the eastern approach to the overbridge to be constructed at that place.

44. There was a further expenditure of Rs. 38,439-14-11 incurred during the year on the Burial Ground for Mahomedans and Beni-Israels, the total expenditure on which up to 31st March 1898 aggregated Rs. 2,02,659-8-1 against the allotment of Rs. 2,41,952 provided in the 15¾ Lakhs Loan.

45. On the scheme for the disposal of town sweepings at Chimbur, and purchase of land from Mr. Ashburner and Mr. Nariel walla for the Mahomedan Burial Ground, works which were provided for in the 25 Lakhs Loan, an outlay of Rs. 3,66,066-13-6 was incurred in 1897-98, as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended in 1897-98.	Total.
	Rs.	Rs.	Rs. a. p.	Rs. a. p.
Disposal of town sweepings at Chimbur ..	(a) 8,44,000	....	2,48,946 1 0	2,48,946 1 0
Purchase of land at Anjir Bag, Mount Road, from Mr. Ashburner for Mahomedan Burial Ground	1,23,000	....	1,17,046 0 6	1,17,046 0 6
Purchase of land at Mount Road in Nariel-wadi for future extension of the Burial Ground thereat	1,75,000	....	74 12 0	74 12 0
Total..Rs.	11,41,000	....	3,66,066 13 6	3,66,066 13 6

(a) Made up thus :—
Rs. 6,40,000 provided in the Loan of Rs. 25 Lakhs.
" 60,000 do. do. of Rs 19¼ do.
" 1,44,000 transferred from the provision of Rs. 1,50,000 made in the 23¼ Lakhs Loan for the purchase of land on the Flats for the deposit of town sweepings.
Rs. 8,44,000

46. An expenditure of Rs. 1,732-10-8 was incurred during the year on account of the purchase of land for latrines at Colaba, for which work a sum of Rs. 24,598 was sanctioned out of savings on different loans.

47. The small outlay of Rs. 83-13-11 incurred during the year on the Bigaries' chawl at Bori Bunder raised the total advances made from surplus balances on account of that work, and the Health Department stables in F and G Wards, to Rs. 1,18,178-8-9, as shown below :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bigaries' chawl at Bori Bunder ..	52,575	49,974 2 8	83 13 11	50,058 0 7
Health Department Stables in G and F Wards	78,744	68,120 8 2	....	68,120 8 2
Total..Rs.	1,31,319	1,18,094 10 10	83 13 11	1,18,178 8 9

48. Including the expenditure of Rs. 41,803-14-0 on account of final payment to the contractor for the Bhuleshwer Market and School and sundry other charges in connection with that work, the total outlay up to the end of the year on Markets sanctioned out of the 35 Lakhs Loan, amounted to Rs. 3,72,226-3-2 as detailed below :—

	Sanctioned Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bhuleshwar Market Extension and School.	4,50,000	3,13,903 8 0	41,803 14 0	3,55,707 6 0
Less—Government Grant-in-aid towards the construction of the School ..		*33,500 0 0*	.....	*33,500 0 0*
		2,80,403 8 0	41,803 14 0	3,22,207 6 0
New Market at Foras Road	50,000	40,499 14 11	.....	40,499 14 11
Labourers' quarters in connection with the Arthur Crawford Market ..	22,700	9,518 14 3	.....	9,518 14 3
Total..Rs.	5,22,700	3,30,422 5 2	41,803 14 0	3,72,226 3 2

49. The expenditure on Currey Road Market, &c., sanctioned out of savings on different loans amounted to Rs. 30,172-8-0 at 31st March

1898, as shown below, including Rs. 112-8-0 paid during the year for printing and advertisement charges for the Currey Road Market :—

	Sanctioned Grant.	Amount expended up to 31st March 1896-97.	Amount expended during 1897-98.	Total.
	Rs.	Rs.	Rs. a. p.	Rs. a. p.
Portion of cost of site of the Colaba Market	28,060	28,060	....	28,060 0 0
Market at Currey Road..	40,539	2,000	112 8 0	2,112 8 0
Do. Chowpatty	17,000	.....	.....	.....
Total..Rs.	85,599	30,060	112 8 0	30,172 8 0

50. The total expenditure on the different Fire Brigade stations and quarters constructed out of the 4½ Lakhs Loan, including Rs. 20,896-11-8 spent in 1897-98 on the Gamdevi and Sankli Tank Road quarters, aggregated Rs. 3,87,508-3-9 as under :—

Particulars of Stations, &c.	Originally sanctioned Grant.	Revised Grant.	Amount expended up to 31st March 1897.	Amount expended during 1897-98.	Total.
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort	36,201	31,461	31,454 1 0	.....	31,454 1 0
Colaba	26,468	26,468	24,935 11 6	.....	24,935 11 6
Bhuleshwar .. .	52,815	52,815	51,589 10 8	.....	51,589 10 8
Gamdevi	8,278	15,528	282 12 10	3,675 0 0	3,957 12 10
Chinchpokli	7,209	6,609	6,512 7 10	.....	6,512 7 10
Pedder Market	7,721	7,721	7,480 0 4	.....	7,480 0 4
Mahim	6,564	7,164	7,151 0 8	.....	7,151 0 8
DeLisle Road	28,028	25,341	25,280 5 1	.....	25,280 5 1
Filling in Babula Tank	21,716	21,716	20,620 14 11	.....	20,620 14 11
Babula Tank	36,569	36,569	30,609 11 8	.....	30,609 11 8
Filling in Sankli Tank..	1,00,801	1,00,801	92,787 14 10	.....	92,787 14 10
Sankli Tank	1,07,905	1,07,905	58,827 4 6	17,221 11 8	76,049 0 2
Filling in Naigam Tank	2,194	2,194	2,008 6 1	.....	2,008 6 1
Dadar (Naigam Tank)..	8,208	8,208	7,071 2 7	.....	7,071 2 7
Total Rs...	4,50,170 or say	4,50,000	3,66,611 8 1	20,896 11 8	3,87,508 3 9

PLAGUE EXPENDITURE.

51. The total expenditure on plague operations up to 31st March 1898 amounted to Rs. 24,76,616-2-9 as shown below :—

			Rs.	a.	p.
Incurred by the Municipality up to 31st March 1897 as per Statement A (*vide* Appendix No. 9)			5,20,448	0	8
Incurred by the Municipality during 1897-98 as per statement B (*vide* Appendix No. 9)			7,99,496	3	8
			13,19,944	4	4
Incurred by the late Plague Committee as per Statement B (*vide* Appendix No. 9)	Rs. 9,82,313	9 2			
Less—					
Charges awaiting adjustment in Municipal Accounts	„ 39,419	1 11			
Net expenditure of Plague Committee adjusted in the Municipal books			9,42,894	7	3
Total Expenditure finally booked in Municipal Accounts.			22,62,838	11	7
Add—					
Advances unadjusted—					
To Chairman, Plague Committee			2,07,605	8	9
„ Municipal Officers, &c.			6,171	14	5
		Rs.	24,76,616	2	9

Distributing the total outlay between the Municipality and the Plague Committee, the following are the results :—

		Rs.	a.	p.
Municipality for 18 months		13,26,116	2	9
Plague Committee for 12 months		11,50,500	0	0
	Total ... Rs.	24,76,616	2	9

The sums voted for plague purposes by the Corporation from time to time to the close of the year are noted below :—

Corporation's Resolution	No.	6736,	dated	5th October	1896,	Rs.	1,00,000
Do. do.	„	11131	„	21st Jan.	1897	„	1,50,000
Do. do.	„	264	„	5th April	1897	„	3,00,000
Do. do.	„	„	„	„	„	„	3,00,000
Do. do.	„	1824	„	13th May	1897	„	2,00,000
Do. do.	„	3101	„	28th June	1897	„	2,00,000
Do. do.	„	4464	„	9th Aug.	1897	„	3,00,000
Do. do.	„	7248	„	4th Nov.	1897	„	3,00,000
Do. do.	„	9823	„	13th Jan.	1898	„	3,00,000
Do. do.	„	11391	„	21st Feb.	1898	„	1,00,000
Do. do.	„	11995	„	10th March	1898	„	1,50,000
Do. do.	„	12653	„	28th „	1898	„	1,00,000
						Rs.	25,00,000

Throughout the year it was impossible to ascertain with even an approximation to accuracy the extent to which the Municipality would be called upon to furnish funds for plague purposes. This uncertainty is borne out by a comparison of the actual with the estimated plague expenditure. In the Introductory Remarks to the Budget for 1898-99, which were written in October 1897, it will be seen that it was thought that to the close of the year 1897-98 a sum of Rs. 21,50,000 would suffice for all requirements. The actuals have brought out an excess over the estimate of Rs. 3,26,616-2-9, after allowing for a payment by Government of Rs. 50,000 towards their share of the expenditure. This result was the natural outcome of a rise in the plague mortality, accompanied as it was by heavy additions to the staff, additional payments for structures of various kinds, and increases in hospital and observation camp charges.

In connection with the financing of plague expenditure a loan of 20 lakhs was arranged with the Bank of Bombay, of which 12 lakhs were taken up during the year as follows :—

6 lakhs on the 22nd December 1897.

6 „ „ 30th March 1898.

Rs. 5,00,000 of the expenditure were met from the surplus cash balance reserve and the balance amounting to Rs. 19,76,616-2-9 (including advances not finally booked) was defrayed from surplus loan and other balances at the disposal of the Municipality.

LIABILITIES.

52. *Statement No.* 4.—The payment of Rs. 12,530-2-8 made towards the reduction of the Vehar Debt diminished the balance of the debt due to Government from Rs. 25,41,527-15-5 at the close of 1896-97 to Rs. 25,28,997-12-9 on 31st March 1898.

Debentures of the value of Rs. 58,000 were paid off during the year on account of the Drainage Loan of Rs. 26,94,000 of 1878. Owing to the debenture-holders not having surrendered for repayment up to the close of the year 16 debentures for Rs. 500 each or Rs. 8,000 in all (one repayable on 1st January 1890, one on 1st January 1893, and 14 on 1st January 1898), the outstanding balance of the said loan on 31st March 1898 amounted to Rs. 20,21,000 instead of Rs. 20,13,000 as per the terms of the loan. The difference of Rs. 8,000 has been renewed during 1898-99 for the repayment of the debentures when presented by the holders.

The total municipal debt on 31st March 1898 amounted to Rs. 4,11,20,497-12-9 against Rs. 3,84,91,027-15-5 at the close of 1896-97.

Owing to the refund of large deposits paid by contractors for various sewerage and other works and to a large credit to miscellaneous savings on account of wages forfeited by bigaris, &c., of the Health and Engineering Departments in consequence of their not having claimed payment within the limitation period, the balance of contractors, &c., cash deposits was reduced from Rs. 3,04,062-4-7 at the close of 1896-97 to Rs. 2,58,795-12-2 on 31st March 1898.

The balance of Rs. 205-2-9 due to Government on account of income tax recovered by the Municipality was paid into Her Majesty's Treasury at the Bank of Bombay on 25th April and 11th May 1898.

Including Rs. 2,40,55,516-2-0 on account of Water Works as per appendix No. 7, the aggregate liabilities of the Municipality on 31st March 1898 amounted to Rs. 4,16,54,268-11-4 against Rs. 3,89,81,231-9-4 on 31st March 1897.

ASSETS.

53. *Statement No.* 5.—The balance of recoverable advances was increased from Rs. 1,95,890-9-5 on 31st March 1897 to Rs. 3,53,482-1-6, owing principally to advances made to the Chairman, Plague Committee, and to heavier outstandings on account of private works undertaken by the Drainage Department in Mandvi and other districts in connection with the plague.

The large advances made to the Plague Committee account for the increase in the amount of advances to Municipal Officers, &c., from Rs. 1,28,814-3-8 at the close of 1896-97 to Rs. 2,27,227-4-3 on 31st March 1898. A major portion of the latter amount will be adjusted in the accounts for 1898-99.

The private and departmental works outstandings on 31st March 1898 amounted to Rs. 1,24,047-1-3 against Rs. 64,516-9-9 for the corresponding period of 1896-97. The increase of Rs. 59,530-7-6 was, as stated above, solely due to a large amount of works executed on private account. The outstandings for this purpose alone amounted to Rs. 1,10,276-4-2 at the close of the year. The bills are under recovery, but as most of them are disputed by the house-owners concerned, steps are being taken to institute legal proceedings for their recovery.

The following table shows that the invested balances amounted to Rs. 48,27,431-2-7, at 31st March 1898 against Rs. 55,96,636-4-7 at the close of 1896-97, thus giving a net reduction of Rs. 7,69,205-2-0 :—

	On 31st March 1898.			On 31st March 1897.		
	Rs.	a.	p.	Rs.	a.	p.
Surplus Cash Investments (in cash current account and fixed deposits and 5 per cent. and 4 per cent. Municipal Bonds)...	4,59,839	15	8	16,02,750	0	0
Loan Fund Balances, &c.	*15,00,000	0	0	15,52,981	4	0
* This is ear-marked to the Bank of Bombay pending the raising of a permanent Loan.						
Rs.	19,59,839	15	8	31,55,731	4	0
Sinking Fund—						
5 per cent. Municipal Loans (in 5 per cent. Municipal Bonds and Cash as detailed on page 135)	14,64,790	0	4	12,65,519	9	8
4 per cent. Municipal Loans (in 4 per cent. Municipal and Port Trust Bonds and Cash as detailed on page 135)...	4,22,616	1	10	3,00,189	7	0
3½ per cent. Municipal Loans (in 3½ per cent. Government Paper and Cash as detailed on page 135) ..	19,191	8	8	.....		
Rs.	19,06,597	10	10	15,65,709	0	8
Other Funds—						
Municipal Buildings Fire Insurance Fund (in 5 per cent. Municipal Bonds, 4 per cent. Municipal and Port Trust Bonds and 3½ per cent. Government Paper and Cash)	32,580	11	2	28,224	10	4
Worn-out Water Mains Renewal Fund (in 5 per cent. Municipal Bonds, 4 per cent. Municipal and Port Trust Bonds and 3½ per cent. Government Paper and Cash)	3,02,043	0	9	3,09,003	10	10
Net Premia, &c., Fund (in 5 per cent. Municipal Bonds, 4 per cent. Port Trust Bonds and 3½ per cent. Government Paper and Cash)...	3,21,492	6	1	3,21,367	10	9
School Building Fund (in 3½ per cent. Government Paper and Cash)... ...	50,977	6	1	50,000	0	0
Rs.	7,07,093	8	1	7,08,595	15	11
Rs.	45,73,531	2	7	54,30,036	4	7
Contractors', &c., Deposits in Government and other Securities	2,53,900	0	0	1,66,600	0	0
Total...Rs.	48,27,431	2	7	55,96,636	4	7

There was a reduction of Rs. 11,95,891-4-4 in the balance of the investments of Surplus Cash and Loan Fund Balances due to the following causes :—

(1) Sale of 3½ per cent. Government Paper for Rs. 5,14,000 and 4 per cent. Port Trust Bonds for Rs. 5 lakhs between 14th April and 16th July 1897 to meet our current expenses and debt charges.

(2) Transfer of 5 per cent. Municipal Debentures for Rs. 2,11,500 and 3½ per cent. Government Paper for Rs. 1,000 for the investment of the 5 per cent. Municipal Loans Sinking Fund and the School Building, &c., Funds.

The investment during the year of the Sinking Fund instalments of our different loans on the due dates and of the interest realized on the investments made from time to time raised the balance of the different loans Sinking Fund investments by Rs. 3,40,888-10-2.

By the investment of the Municipal Buildings Fire Insurance Fund instalment for the year and of the interest realized on that fund and the Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds, there would have been an increase of Rs. 36,478-7-5 in the balance of those funds at 31st March 1898. In consequence, however, of a withdrawal of Rs. 22,729-3-9 from the Worn-out Mains Renewal Fund to meet the cost (chargeable to Revenue) of renewing the 3" main in Worli Road and of the transfer of Rs. 15,251-11-6 from the Net Premia, &c., Fund to meet the premia payable on investments of 4 per cent. Loans Sinking Fund and the stamp and printing charges on the debentures for Rs. 12 lakhs (part of the 20 lakhs) temporary loan taken up from the Bank of Bombay for plague expenses, the balance of the four funds on 31st March 1898 shows a small decrease of Rs. 1,502-7-10.

The receipt of large deposits from contractors for the supply of hay, grain, road-metal, carts and bullocks, &c., and for works in air-compressing machinery, &c., accounts for the increase of Rs. 87,300 in the contractors' Government, &c., Paper Deposit Account.

The details of the 5 per cent., 4 per cent., and 3½ per cent. Municipal Loans Sinking Fund Investments aggregating

Rs. 19,06,597-10-10 on 31st March 1898, as shown in the preceding table, are exhibited in the subjoined statement :—

	Up to 31st March 1897.	Due in 1897-98.	Interest Accumulations in 1897-98.	Total.
1.—5 % LOANS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) 44 Lakhs Sanitary Works Loan	5,04,167 5 11	30,550 0 0	24,971 15 7	5,59,689 5 6
(2) 7 Do. ado. do.	65,964 13 4	6,000 0 0	3,228 1 10	75,192 15 2
(3) 147 Lakhs Tansa Water Works Loan ..	2,32,843 7 9	42,000 0 0	12,550 0 2	2,87,393 7 11
(4) 12 Lakhs Drainage and Water Works Loan	1,19,687 5 5	11,000 0 0	5,854 10 0	1,36,541 15 5
(5) Rs. 10,08,500 Miscellaneous Works Loan..	82,716 1 0	8,600 0 0	4,157 3 9	95,473 4 9
(6) Rs. 2,48,000 Agripada House Sullage Water Connections Loan	19,541 9 5	2,100 0 0	927 7 11	22,869 1 4
(7) 35 Lakhs Various Sanitary Works Loan.	2,01,058 2 10	29,000 0 0	8,966 4 7	2,39,024 7 5
(8) 8 Lakhs Municipal Building Loan ..	39,540 12 0	7,000 0 0	2,064 10 10	48,605 6 10
Total..Rs.	12,65,519 9 8	1,36,550 0 0	62,720 6 8	14,64,790 0 4
		1,99,270 6 8		
In 5 per cent. Municipal Debentures at par lodged with the Bank of Bombay ..	12,65,500 0 0 +	1,99,000 0 0 —		14,61,500 0 0
Cash deposited with the Bank of Bombay. ..	19 0 8 +	270 6 8 —		290 0 4
2.—4 % LOANS.				
(9) 4½ Lakhs Fire Brigade Quarters and Stations Loan	34,397 1 2	8,100 0 0	1,289 8 3	43,786 9 5
(10) 42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan ..	2,40,396 10 4	75,500 0 0	11,137 6 10	3,27,034 1 2
(11) 23½ Lakhs Loan for Drainage and other Works	25,395 11 6	24,900 0 0	1,499 11 9	51,795 7 3
Total..Rs.	3,00,189 7 0	1,08,500 0 0	13,926 10 10	4,22,616 1 10
		1,22,426 10 10		
In 4 per cent. Municipal Debentures at par lodged with the Bank of Bombay ..	3,00,000 0 0 +	1,22,500 0 0 —		*4,22,500 0 0
Cash deposited with the Bank of Bombay. ..	189 7 0 —	73 5 2 —		116 1 10
3.—3½ % LOAN.				
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works	....	18,875 0 0	316 8 8	19,191 8 8
		19,191 8 8		
In 3½ per cent. Government Paper lodged with the Bank of Bombay	....	18,984 6 0 —		†18,984 6 0
Cash deposited with the Bank of Bombay ..	....	207 2 8 —		207 2 8
Grand Total of (1), (2) & (3) Rs....	15,65,709 0 8	2,63,925 0 0	76,963 10 2	19,06,597 10 10

* Includes Municipal Debentures and Port Trust Bonds for the aggregate sum of Rs. 1,81,500 purchased in 1896-97 and 1897-98 at rates varying from 104 per cent. to 114¼ per cent., the total premia amounting to Rs. 16,020 being met from the Net Premia, &c., Fund.

† Includes 3½ per cent. Government Paper for Rs. 18,500 purchased at 102¾ per cent. on 8th July 1897, the premium on which amounting to Rs. 393-2-0 was met from the Net Premia, &c., Fund.

The details of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Net Premia, &c., and School Building Funds Investments on 31st March 1898 are shown below :—

Dr. *Cr.*

	Amount.	Total.			Amount.	Total.
	Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs. a. p.
1.—*Municipal Buildings Fire Insurance Fund.*						
To				By		
Balance on 1st April 1897		28,224 10 4		Investments deposited at the Bank of Bombay—		
Realization of instalment for 1897-98	3,000 0 0		Between 15th March 1890 and 7th April 1897.	In 5 % Municipal Debentures for Rs. 27,000 at par ...	27,000 0 0	
				„ 4 % „ „ for „ 1,500 „ ...	1,500 0 0	
			18th March 1898.	„ 4 % Port Trust Bonds for „ 3,000 at 102½%	3,075 0 0	
Realization of net interest during 1897-98	1,356 0 10		17th Nov. 1897.	„ 3½% Government Paper for „ 500 at 98⅝%	491 14 0	
		4,356 0 10		Rs. 32,000		32,066 14 0
				In Cash		513 13 2
	Rs.	32,580 11 2			Rs	32,580 11 2
2.—*Worn-out Water Mains Renewal Fund.*						
To				By		
Balance on 1st April 1897.		3,09,003 10 10		Withdrawals in 1897-98 to replace advances made for renewing the 3" main in Worli Road		22,729 3 9
Realization of net interest during 1897-98		15,768 9 8		Investments deposited at the Bank of Bombay—		
			Between 28th March 1893 and 2nd July 1897.	In 5 % Municipal Debentures for Rs. 2,87,000 at par ..	2,87,000 0 0	
				„ 4 % „ „ for „ 7,000 „ ...	7,000 0 0	
			29th March 1898.	„ 4 % Port Trust Bonds for „ 1,000 at 101%	1,010 0 0	
			17th Nov. 1897.	„ 3½% Government Paper for „ 7,000 at 98⅝%	6,886 4 0	
				Rs. 3,02,000	3,01,896 4 0	
				In Cash	146 12 9	3,02,043 0 9
	Rs.	3,24,772 4 6			Rs.	3,24,772 4 6

136

3.—*Net Premia, &c., Fund.*

To				By			
Balance on 1st April 1897.		3,21,367	10 9	Withdrawals in 1897-98 to meet premia payable on 4 per cent. Municipal Debentures and 4 per cent. Port Trust Bonds for the aggregate sum of Rs. 1,22,500 and 3½ per cent. Government Paper for Rs. 18,500 purchased for the investment of the 4 per cent. and 3½ per cent. Loans Sinking Fund		9,245 10 0	
Realization of net interest during 1897-98		15,376	6 10	Withdrawals in 1897-98 to meet stamp, &c., charges on debentures for Rs. 12,00,000 issued in favour of the Bank of Bombay in respect of the 1st and 2nd instalments of the 20 lakhs temporary loan for plague expenses		6,006 1 6	
							15,251 11 6
				Between 19th Jan. 1894 and 7th April 1897, 29th March 1898, 17th Nov. 1897. Investments deposited at the Bank of Bombay—			
				In 5 % Municipal Debentures for Rs. 3,13,500 at par		3,13,500 0 0	
				„ 4 % Port Trust Bonds for „ 3,500 at 101%		3,535 0 0	
				„ 3½% Government Paper for „ 4,500 at 98⅝%		4,426 14 0	
				Rs. 3,21,500		3,21,461 14 0	
				In Cash		30 8 1	
	Rs.	3,36,744	1 7				3,21,492 6 1

4.—*School Building Fund.*

To				By			
						Rs.	3,36,744 1 7
Balance on 1st April 1897.		50,000	0 0				
Realization of net interest during 1897-98		977	6 1				
				Investments deposited at the Bank of Bombay—			
				*31st Mar. 1897. In 3½% Government Paper for Rs. 36,000 at 103¾% ...		37,350 0 0	
				„ „ „ „ 10,000 at 99⅝% ...		9,962 8 0	
				*3rd June 1897. „ „ „ „ 1,000 at par ...		1,000 0 0	
				„ „ „ „ 500 at 105.10% ...		526 9 0	
				2nd Nov. 1897. „ „ „ „ 1,000 at 103¾% ...		1,037 8 0	
				„ „ „ „ 1,100 at 99% ...		1,089 0 0	
				Rs. 49,600			
							50,965 9 0
				In Cash			11 13 1
	Rs.	50,977	6 1			Rs.	50,977 6 1

* These formed part of investments made on 20th March 1890, 2nd and 13th July 1894 and 14th January 1896 on account of Surplus Cash, &c., Deposit Accounts, and were transferred to this account on 31st March 1897 and 3rd June 1897.

COMPARISON OF ASSETS AND LIABILITIES.

54. Comparing the assets and liabilities of the Municipality as brought out in statements Nos. 4 and 5, it will be seen from the subjoined figures that the assets are brought out to exceed the liabilities by over one crore and a half, thus :—

Assets per statement No. 5.

	Rs.	a.	p.
Cash balance—Advances and investments ...	58,12,271	1	11
Reserve stock	9,03,586	11	9
Buildings and other properties	63,32,241	4	0
Overbridges, Roads, Drainage and other works executed out of Loan, &c., Funds	4,36,13,784	11	2
Total Assets ...	5,66,61,883	12	10
Liabilities per statement No. 4.	4,16,54,268	11	4
Excess of Assets over Liabilities ...	1,50,07,615	1	6

Of the extent of our liabilities there is no question ; but in reference to our assets I am led from the available data to the conclusion that they do not correctly represent our position.

In the value of "buildings and other properties," for which an asset of Rs. 63,32,241-4-0 is claimed, over Rs. 45,00,000 represent properties which were valued so long ago as 1883-84 ; but no booked value has so far been fixed in the asset statement for properties acquired from revenue sources during recent years, nor has any depreciation been charged off. Whether depreciation should be taken into consideration is a question for decision.

In the portion of my report dealing with stores I bring to notice that the asset of Rs. 9,03,586-11-9 is to a certain extent fictitious, inasmuch as some of the stores are useless, others obsolete, and others again depreciated in value.

It seems to me desirable that there should be a complete list framed of all our properties, depreciation allowed for, and the assets of the Municipality made to conform generally more closely with their actual value.

WATER WORKS ACCOUNT.

55. *Appendices* 6 *and* 7 exhibit the income and expenditure, the assets and liabilities respectively of the Water Works Department, as required by Resolution No. 10625 of the 22nd December 1891 of the Standing Committee.

From *appendix No.* 6 it will be observed that a deficit of Rs. 3,34,580-2-2 is brought out on the year's working. The deficit is somewhat exaggerated, as it will be found on reference to para. 5 (6) of my report that a quarter's revenue amounting to about Rs. 1,75,000 was not realized owing to a change in the method of submitting bills sanctioned by the Standing Committee. The actual deficit for the year may therefore be placed at about Rs. 1,60,000 in round numbers.

A charge of Rs. 66,628-1-4 has been preferred against the water works account during the year for general superintendence and services rendered by the Engineering and Assessment Departments. The ratios in which such expenditure of the Municipality as a whole should be debited to the Water Works Department was determined, I understand, about 25 years ago. Whether these ratios still hold good and whether in consequence the proportional debit to the Water Works Department is correct is a question for investigation.

Appendix 7, which gives the assets and liabilities, brings out a sum of Rs. 40,00,883-1-6 in favour of the assets, thus :—

	Rs.	a.	p.
Assets	2,80,56,399	3	6
Liabilities	2,40,55,516	2	0
Excess of Assets over Liabilities...Rs.	40,00,883	1	6

This excess of assets has been secured by a surplus revenue up to date of Rs. 12,21,149-6-3 and a contribution from the municipal general Revenues towards reduction of debt, creation of a worn-out mains renewal fund, &c., of Rs. 27,79,733-11-3.

STORES.

56. The reserve stock at 28th February 1898 stood at Rs. 9,03,586-11-9 as compared with Rs. 9,01,840-12-6 at 28th February 1897, thus showing a small increase of Rs. 1,745-15-3.

The distribution of these stocks between the various departments of the Municipality at the close of 1896-97 and 1897-98 was as follows :—

Departments.	1896-97.			1897-98.		
	Rs.	a.	p.	Rs.	a.	p.
General Stores	67,560	3	3	66,503	9	4
Water Works	4,43,965	5	4	4,22,005	10	3
Drainage	3,81,452	13	9	3,92,659	4	11
Executive Engineer	8,862	6	2	22,418	3	3
	9,01,840	12	6	9,03,586	11	9

The decrease of nearly Rs. 22,000 in the Water Works stock is due to issues of cast iron hydrants, pipes, sluice flanges, meters, and teakwood planks.

The increase of over Rs. 11,000 in the Drainage Department is the result of purchases towards the close of the financial year of stores for the Mazagon Sectional Sewerage Works.

The proportionally heavy increase in the stocks held by the Executive Engineer is merely temporary, as it represents the cost of kerosine oil purchased for street lighting in somewhat large quantities in order to secure an advantageous rate.

In subjoining the usual statement of the principal articles held in stock at the Paltan Road Stores, I might mention that the total purchases received at this depôt aggregated Rs. 1,58,395-4 0, and the total issues Rs. 1,59,451-13-11.

Description of Articles.	Balance on 1st March 1896.		Balance on 1st March 1897.		Balance on 1st March 1898.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
Brass tubes ... ... cwts.	11-0-21	887 9 6	11-0-18	885 9 5	11-1-3	893 6 10
Cresol, phenyle, and sanitary fluid ... ... gals.	.....	.....	614	2,576 8 0	681	933 12 4
Coal ... ... tons.	.....	.....	.....	.....	223-5-0	2,604 0 8
Gun-metal scrap ... ... cwts.	.....	.....	.....	.....	15-2-20	468 5 9
Hose canvas ... ... r.ft.	.....	.....	321	202 1 6	2,637	1,256 13 3
Iron plate ... ... cwts.	305-3-19	2,376 10 4	265-3-8	1,733 5 9	400-3-13	2,899 9 10
Disinfecting carbolic acid ... ... gals.	.....	.....	2,114	7,361 8 0	1,433	354 8 0
Do. do. do. powder ... ... boxes.	180	1,779 2 2	.....	.....	277	Free of charge.
Do. Sanitas powder ... ... casks.	185	4,925 10 0	181	4,972 11 8	317	5,681 15 0
Earthenware pipes of sorts ... ... Nos.	16,946	42,983 8 8	14,713	41,232 7 0	14,618	40,824 2 4
Steel bars ... ... cwts.	163-1-6	2,088 13 10	136-3-23	1,494 2 8	122-2-25	1,168 15 6
Tin blocks ... ... „	.....	.....	.....	.....	3-3-3	51 8 8
Timber, benteak logs .. .. c. ft.	222·1069	198 15 4	.....	.....	.....	.....
Do. Calicut logs ... ... „	.....	.....	.....	.....	131·1568	195 7 9
Do. babool wood... ... ... candies.	.....	.....	23-3-0	399 6 0	16-3-10	280 13 1
Pipes, bends, couplings, flanges, iron ... ... Nos.	249	100 14 9	.....	.....	237	89 4 9
Bolts and nuts, iron ... ... „	77-1-20	1,022 0 6	73-0-10	864 3 2	61-2-26	399 13 3
Rivets, iron ... ... „	.....	.....	47-2-16	674 12 2	30-0-13	425 9 3
Nuts, iron ... ... „	14-2-15	237 1 4	13-3-19	189 8 2	9-3-24	77 9 7
Ventilators, cast-iron ... ... „	70-0-0	350 0 0	70-0-0	350 0 0	70-0-0	350 0 0
Screws, iron, galvanised ... ... „	.....	.....	8-0-0	306 15 2	8-0-32	307 6 8
Iron bar of sorts ... ... „	622-0-0	4,911 2 8	168-3-27	2,161 10 5	400-3-13	2,899 9 10
Rails, iron ... ... „	.....	.....	.....	.....	.....	2,610 8 0
Posts, cast-iron ... ... „	85-1-20	427 2 3	73-1-20	367 2 3	73-1-20	367 2 3
Total...Rs.		62,188 11 4		65,771 14 11		65,140 6 7

57. From personal inspection and investigation I have no hesitation in stating that the balance at this depôt could be reduced to an almost nominal figure and confined at the close of the year almost entirely to the cost of disinfectants.

Seeing how often attention has been drawn to the large stock of mostly useless and broken earthenware pipes, which at the close of the year were represented by a book-value of Rs. 40,824-2-4, comment would be superfluous, were it not for the fact that there is at last every prospect that with the attention now being given to the subject this large and fictitious asset will during the year 1898-99 disappear from the reserve stock balances of the Municipality.

I think it necessary, however, to bring to notice that these stores are not the only stores to which attention might profitably be directed. Some of the screws, nuts, rivets and steel and iron stock have been held in our reserve for years without being utilized.

I am not satisfied that the book balances are represented by actual stock or that the values assigned to the stores in hand are fair market values, as I cannot find that there has in recent years been any systematic and efficient stock-taking or that any depreciation has been allowed on articles which have remained in stock unutilised for any considerable time.

The recognised system of stores accounting is further lax in my opinion, inasmuch as the receipt and issue of stores are not entered in the ledgers till some considerable time after the transactions have been effected, proper issue notes are not in use, and no check can be exercised on any articles returned to the depôt either as serviceable or unserviceable for want of documentary evidence.

These points are engaging my attention. Improvements have already been made in certain directions, but until the stores are thoroughly overhauled, a strict verification made, proposals advanced for a revised system of accounts, useless articles disposed of, and deterioration allowed for, I cannot consider the working of this depôt to be on a satisfactory footing.

58. To some extent my remarks in reference to the depôt at Paltan Road, which works under my orders, can be extended to the depôts maintained for the Drainage and Water Works Departments.

Without the controlling effect of audit, without a minute examination of stocks, without a continuous watch over all purchases, both in relation to stocks already held and to the average consumption of past years, I have found by experience that the general tendency is towards purchasing stores in larger quantities than are actually required, and thus gradually creating a large reserve which it takes years to wipe off and then only at a sacrifice to the revenues.

59. The remedy it seems to me lies (1) in bringing the control over the purchases of all stores more directly under the supervision of the Audit Department, and (2) in having a responsible officer to give his undivided attention to the working and management of all the stores transactions of the Municipality.

WORKSHOPS.

60. The subjoined table contrasts the opening and closing balances and the receipts and disbursements of the Municipal Workshops for the year with those of the preceding year :—

	1896-97.			1897-98.		
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	
To Balance of last year's account		13,061 4 3			14,061 3 3	
„ Payments—						
On account of Establishment.	43,308 10 8			45,948 14 4		
Do. Stores, &c..	61,908 2 6			76,134 13 1		
		105,216 13 2			*1,22,083 11 5	
„ Profit		9,061 12 3			1,151 3 4	
Total...Rs.		1,27,339 13 8			1,37,296 2 0	
By Recoveries—						
Private Works	650 14 4			99 4 11		
Departmental Works.	1,11,695 1 0			1,30,224 4 0		
		1,12,345 15 4			*1,30,323 8 11	
„ Iron, &c., sold		932 11 1			5 0 0	
		1,13,278 10 5			1,30,328 8 11	
„ Outstandings—						
Private Works	20 11 4			7 14 6		
Departmental Works	472 7 8			723 12 3		
	493 3 0			731 10 9		
„ Incomplete Works—						
Private Works	.....			.....		
Departmental Works.	13,568 0 3			6,235 14 4		
		14,061 3 3			6,967 9 1	
Total...Rs.		1,27,339 13 8			1,37,296 2 0	

* Excluding adjustments aggregating Rs. 9,134-0-5, on account of the following items:—

Rs. 10-0-0 Excess boiler inspection fee refunded by the Senior Inspector of boilers.

Rs. 8,646-11-4 Workshops ground-rent for 1895-96 and 1896-97 and rent of telephone connections for the 2nd half of 1896-97 sanctioned to be paid out of Surplus Cash Balance inadvertently debited to the Workshops.

Rs. 415-0-0 Cost of erecting mandaos for Elections inadvertently debited to the Workshops stores grant instead of to the labour grant.

Rs. 62-5-1 inadvertently credited to Workshops recoveries instead of to reserve stock.

Rs. 9,134-0-5

The increase of Rs. 16,866-14-3 in the total expenditure on labour and stores during the year was due to a large number of plague works having been undertaken in the Workshops.

By charging as usual 35 per cent. on the actual cost of establishment and stores on all the jobs executed in the shops, and by charging an additional 15 per cent. on private works, the Workshops realized a sum of Rs. 30,989-2-2 during the year including the hire of the pumping engine and other petty charges as detailed in the margin. Nearly $\frac{2}{7}$ths of the above sum of Rs 30,989-2-2 was obtained on repairs to Health Department carts and $\frac{1}{9}$th on repairs to watering carts, Engineering Department, as will be seen from the following details :—

	Rs.	a.	p.
35 per cent. Charges	30,649	6	1
15 " "	11	4	4
Hire of Pumping engine	268	7	9
Allowance to Workshops on account of Stationery, &c., for working Garlick Incinerator	60	0	0
Total Rs.	30,989	2	2

Nature of work done.	Actuals.	Amount charged, including 35 per cent. & 15 per cent.	Amount of percentage charged over the actuals.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Private works	55 11 9	86 8 1	30 13 4
Departmental works	85,949 2 6	1,16,907 8 4	30,958 5 10
Total Rs..	86,004 14 3	1,16,994 0 5	30,989 2 2
Repairs to scavengering, drain and hand carts	18,611 13 0	25,125 15 4	6,514 2 4
Do. night-soil carts	6,637 13 0	8,961 1 0	2,323 4 0
Total repairs to Health Department carts..	25,249 10 0	34,087 0 4	8,837 6 4
Repairs to watering carts	4,536 12 4	6,124 10 7	1,587 14 3
Total..Rs.	29,786 6 4	40,211 10 11	10,425 4 7

Adding to the above sum of Rs. 30,989-2-2 derived by the percentage charged to cover shop, supervision, repairs, &c., Rs. 5 obtained by the sale of saw-dust, the gross earnings of the Shops during the year amounted to Rs. 30,994-2-2, from which the following establishment, shop, supervision, repairs, &c., charges, amounting to Rs. 29,842-14-10, were defrayed, thus leaving a net profit of Rs. 1,151-3-4, as shown in statement A, page 78.

	Rs.	a.	p.
Supervising Establishment	7,888	10	4
Stores Establishment	1,029	0	0
Shop Charges	18,757	2	2
Repairs Charges	2,177	2	4
Rs.	29,842	14	10

The Workshops outstandings on account of completed works for the past year amounted to Rs. 731-10-9 against Rs. 493-3-0, in the preceding year, and those on account of incomplete works amounted to Rs. 6,235-14-4 against Rs. 13,568-0-3 at the close of 1896-97. The total outstandings thus amounted to Rs. 6,967-9-1 or Rs. 7,093-10-2, less than in the preceding year. The incomplete jobs comprised the following:—

	Rs.	a.	p.
(1) Making and fixing iron and wood-work of the cutchra siding platform at Mahaluxmi	2,794	8	0
(2) Fixing electrical transmission plant for pumping sea-water for electrolizer and making wooden chowkey	1,248	13	4
(3) Providing and fixing new shred-lifters at Love Grove ...	803	3	2
(4) Making corrugated iron shed at Sankli Tank Fire Brigade	802	7	3
(5) Making 12 wooden hand carts for the Plague Committee...	316	13	1
(6) Making 30 iron cleaning rods for the Drainage Department	116	0	11
(7) Seven minor jobs	154	0	7
Total... Rs.	6,235	14	4

RAISING OF LOANS.

61. Inability to raise the permanent loans necessary for the prosecution of works was but another feature added to the unusual embarrassments of the year.

It was the intention of this Municipality to raise funds for capital purposes during the year to the extent of 14¾ lakhs, thus :—

5¾ lakhs of the 15¾ lakhs loan.
9 „ „ 25 „

The unfavourable condition of the money market rendered the raising of these permanent loans impossible, and with the sanction of the Government of India a temporary loan of 15 lakhs was arranged with the Bank of Bombay against the existing sanction accorded by Government to the raising of a loan of 25 lakhs in three instalments.

Six lakhs were taken up on the 1st November 1897, and Rs. 50,000 per week commencing with Monday the 15th November 1897.

Towards the close of the year it was seen that our resources would not admit of the expenditure on plague being financed without recourse to a loan. With the sanction of the Government of India arrangements were made with the Bank of Bombay to advance this Municipality a sum of 20 lakhs of rupees to be taken up in three instalments, as follows :—

6 lakhs on the 22nd December 1897.
6 „ „ 30th March 1898.
8 „ not later than the 1st July 1898.

The aggregate loans arranged with the Bank of Bombay thus amounted to 35 lakhs of rupees.

The conditions under which the Bank advanced these large sums were : (1) that the rate of interest should be one per cent. below bank rate with a minimum rate of 4 per cent. per annum, and (2) that no portion of the monies should be repaid to the Bank before the 31st August 1898.

Owing to the stringency in the money market, the bank rates reached unprecedented figures, and the Municipality had accordingly to pay dearly for the accommodation afforded.

From the 1st November, when the first instalment of the 15 Lakhs Loan was taken up, to the close of the year, the bank's rates were as follows :—

Between	1st and 17th November 1897	6 per cent.
„	18th November and 15th December 1897 ...	5 „
„	16th and 20th December 1897	6 „
On	21st and 22nd December 1897...	7 „
Between	23rd and 27th December 1897	8 „
„	28th December 1897 and 5th January 1898 ...	9 „
„	6th and 10th January 1898	10 „
„	11th January and 23rd February 1898... ...	12 „
„	24th February and 31st March 1898	13 „

GENERAL.

62. The sums that passed annually through the hands of the Paymaster for payments to municipal employés since 1873, the unpaid wages credited in each year to Deposit Account since March 1890, and the

net unpaid time-barred wages credited to the Municipal Fund are shown in the following table :—

Year.	Sums handed over for payment to employés. Rs.	Net unpaid wages credited to Savings. Rs.	Deposit Account. Rs.
1872	In this year there was no Paymaster.	2,177	.....
1873	8,40,451	3,098	.....
1874	8,50,000	4,246	.....
1875	8,56,265	3,751	.....
1876	8,62,202	3,395	.....
1877	9,43,565	4,077	.....
1878	9,84,255	9,233—4,300	.....
1879	10,35,050	3,800	.....
1880	10,18,476	3,244	.....
1881	10,14,189	3,478	.....
1882	10,27,034	3,792	.....
1st Quarter of 1883	2,63,746		
1883-84	11,32,907	3,427	.....
1884-85	12,20,854	3,021	.....
1885-86	13,01,935	4,143	.....
1886-87	12,73,988	1,120	.....
1887-88	13,09,592	4,294	.....
1888-89	13,65,672	3,741	.....
1889-90	13,97,194	1,625	3,897
1890-91	14,89,034	50	5,621
1891-92	15,68,255	2,094	1,198
1892-93	15,70,247	3,506	549
1893-94	16,27,172	*4,362	3,950
1894-95	16,60,124	3,347	1,805
1895-96	18,41,892	3,392	974
1896-97	18,54,083	5,196	21,374
1897-98	19,93,311	12,420	14,575

It will be seen that the work devolving on the Paymaster has been heavier than in any year from 1873 onwards. This extra work was a natural outcome of the plague which necessitated extra staff being employed, more especially in the Drainage and Health Departments. The increase in the amount credited to the Municipal Fund as savings must be attributed to a large amount of unpaid wages having become time-barred under the Statute of Limitation, owing probably to a great number of the Engineering and Health Department labour, &c., staff having left the city during the plague scare and to their not having applied for payment of the wages within the limitation period.

Cash received	Rs.	1,37,82,198 7 7
„ paid	„	1,33,50,960 9 2
	Rs.	2,71,33,159 0 9
Adjustments	„	1,76,21,251 13 2
Total	Rs.	4,47,54,410 13 11

The gross transactions of the Municipality during the year including adjustments, transfers, &c., aggregated over Rs. 447½ lakhs as shown in the margin against—

Rs.	285½ lakhs in	1896-97
„	236 „	1895-96
„	196½ „	1894-95
„	892½ „	1893-94
„	315½ „	1892-93
„	†1,278 „	1891-92
„	514 „	1890-91
„	383 „	1889-90
„	503¼ „	1888-89
„	400¼ „	1887-88

* Forfeited under the Statute of Limitation.

† Including 968 lakhs on account of Water Works Assets and Liabilities transferred to the Municipal Fund, as explained at page 120 of the Administration Report for 1891-92.

It seems almost superfluous to accentuate the fact, that during the year under review the strain put upon my department in consequence of the increased work was very severe. Apart from the consideration of the actual increase of work, it has been the sustained effort combined with the necessity of rapidity in dealing with novel and unusual features in the working of the department, which has made the year under report a most trying one.

I subjoin the usual comparison with previous years of the number of receipt and disbursement vouchers scrutinized by this office and adjusted during the year :—

Year.	No. of Receipt Vouchers.		No. of Disbursement Vouchers.		Total including Journal Vouchers.
1876	4,862	+	12,073	=	16,935
1877	5,013	+	14.410	=	19,423
1878	5,511	+	18,783	=	24,294
1879	5,626	+	26,163	=	31,789
1880	5,677	+	24,314	=	29.991
1831	5,917	+	27,030	=	32,947
Months. 1882 / 1st Qr. of 1883	7,839	+	34,085	=	41,924
		or 33,540 proportionately for 12 months.			
1883-84	6,352	+	25.819	=	32.171
1884-85	6,942	+	32,872	=	39,814
1885-86	6,855	+	31,008	=	37,863
1886-87	7,040	+	36,966	=	44,006
1887-88	7,197	+	42.283	=	49.483
1888-89	6,527	+	42,989	=	49,516
1889-90	6,358	+	36,463	=	42,826
1890-91	15.329	+	44.022	=	59,351
1891-92	20,093	+	43,918	=	64,011
1892-93	20,552	+	44,460	=	65,012
1893-94	21,957	+	45.653	=	67,610
1894-95	23,198	+	43,204	=	66.402
1895-96	24,407	+	46,243	=	70.650
1896-97	21,336	+	50,327	=	71.663
1897-98	22,217	+	53,907	=	76,124

As compared with 1896-97 the number of inward and outward letters was as follows :—

	1896-97.	1897-98.
Inward letters	20,579	20,362
Outward letters	5,665	6,117

I might mention incidentally that, apart from the increase in the audit work of this Department, the correspondence is increasing year by year. In 1893-94 the outward letters numbered only 4,919 whereas in 1897-98 they reached 6,117 or an increase of 24 per cent.

A considerable portion of my time was devoted from November 1897 to the close of the year in placing the stores accounts of the Plague

Committee on a satisfactory footing, in framing rules, devising forms of stores accounts, and keeping a watch on the prices paid for articles.

I regret the delay in the submission of this my first report on the accounts of the Municipality, but I trust that the extraordinary circumstances of the year will be accepted as sufficient justification for a delay which is unusual and which a more intimate acquaintance with the accounts will, I trust, make impossible next year.

PERSONAL.

63. I joined my appointment as Chief Accountant on the 16th September 1897, taking over charge from the acting incumbent, Mr. Maneckshah Cawasha Talyarkhan, an officer whom I have found absolutely trustworthy, one who never spares himself in the service of the Municipality, and who continues to merit the high opinion formed of him by my predecessor.

Mr. Bal Nilaji, the Head Audit Clerk, performed his duties in a creditable manner.

I cannot refrain from bringing to notice the exceptional ability and minute acquaintance with all the details of the working and accounts of the department, of Mr. Rattanji Fardoonji Khambatta, the first Senior Audit Clerk. His assistance to me in all matters has been invaluable, and in bringing his services specially before the Commissioner, I trust it will be found possible both to improve his status and to remunerate him more adequately.

Mr. Kaikhusroo Ranina, though a comparatively junior clerk, was selected by the late Chief Accountant for the post of Accountant to the Plague Committee—a post which he filled with credit to himself and satisfaction to the Chairman. He is one of the very few men in my office who takes an intelligent interest in his work and deserves promotion to a better position than he holds at present.

I cannot close my report without expressing my deep sense of obligation for the kind help and consideration extended to me and my department by the Municipal Commissioner at all times during a most trying and harassing period.

APPENDICES

TO THE

CHIEF ACCOUNTANT'S REPORT

FOR 1897-98.

No. 1 A.

BOMBAY 5% MUNICIPAL LOAN OF 1878 (Rs. 26,94,000).

Raised in two equal instalments on 1st November and 1st December 1878 as per Corporation's Resolution No. 1296, dated 10th September 1878, and Government Resolution No. 2951, dated 28th September 1878.

Wholly repayable on 1st January 1919.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from December 1878.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		Total.
				No.	Amount.	
	Rs.	Rs. a. p.	Rs.		Rs.	Rs.
Interest paid up to 31st December 1878 to the Bank of Bengal in advance	26,94,000	16,837 0 0	16,837	...	.....	16,837
Interest for the 1st half of 1879.....	26,94,000	67,350 0 0	1,34,700	44	In January 1880 22,000	1,56,700
Do. 2nd do. „	26,94,000	67,350 0 0				
Do. 1st do. 1880.....	26,72,000	66,800 0 0	1,33,600	47	In January 1881 23,500	1,57,100
Do. 2nd do. „	26,72,000	66,800 0 0				
Do. 1st do. 1881.....	26,48,500	66,212 8 0	1,32,425	49	In January 1882 24,500	1,56,925
Do. 2nd do. „	26,48,500	66,212 8 0				
Do. 1st do. 1882.....	26,24,000	65,600 0 0	1,31,200	52	In January 1883 26,000	1,57,200
Do. 2nd do. „	26,24,000	65,600 0 0				
Do. 1st do. 1883.....	25,98,000	64,950 0 0	1,29,900	54	In January 1884 27,000	1,56,900
Do. 2nd do. „	25,98,000	64,950 0 0				
Do. 1st do. 1884.....	25,71,000	64,275 0 0	1,28,550	57	In January 1885 28,500	1,57,050
Do. 2nd do. „	25,71,000	64,275 0 0				
Do. 1st do. 1885.....	25,42,500	63,562 8 0	1,27,125	60	In January 1886 30,000	1,57,125
Do. 2nd do. „	25,42,500	63,562 8 0				
Do. 1st do. 1886.....	25,12,500	62,812 8 0	1,25,625	62	In January 1887 31,000	1,56,625
Do. 2nd do. „	25,12,500	62,812 8 0				

Interest for the 1st half of 1887		24,81,500	62,037 8 0					
Do. 2nd do. „		24,81,500	62,037 8 0					
				1,24,075	66	In January 1888	33,000	1,57,075
Do. 1st do. 1888		24,48,500	61,212 8 0					
Do. 2nd do. „		24,48,500	61,212 8 0					
				1,22,425	70	In January 1889	35,000	1,57,425
Do. 1st do. 1889		24,13,500	60,337 8 0					
Do. 2nd do. „		24,13,500	60,337 8 0					
				1,20,675	72	In January 1890	* 36,000	1,56,675
Do. 1st do. 1890		23,77,500	59,437 8 0					
Do. 2nd do. „		23,77,500	59,437 8 0					
				1,18,875	76	In January 1891	38,000	1,56,875
Do. 1st do. 1891		23,39,500	58,487 8 0					
Do. 2nd do. „		23,39,500	58,487 8 0					
				1,16,975	81	In January 1892	40,500	1,57,475
Do. 1st do. 1892		22,99,000	57,475 0 0					
Do. 2nd do. „		22,99,000	57,475 0 0					
				1,14,950	84	In January 1893	† 42,000	1,56,950
Do. 1st do. 1893		22,57,000	56,425 0 0					
Do. 2nd do. „		22,57,000	56,425 0 0					
				1,12,850	88	In January 1894	44,000	1,56,850
Do. 1st do. 1894		22,13,000	55,325 0 0					
Do. 2nd do. „		22,13,000	55,325 0 0					
				1,10,650	93	In January 1895	46,500	1,57,150
Do. 1st do. 1895		21,66,500	54,162 8 0					
Do. 2nd do. „		21,66,500	54,162 8 0					
				1,08,325	97	In January 1896	48,500	1,56,825
Do. 1st do. 1896		21,18,000	52,950 0 0					
Do 2nd do. „		21,18,000	52,950 0 0					
				1,05,900	102	In January 1897	51,000	1,56,900
Do. 1st do. 1897		20,67,000	51,675 0 0					
Do. 2nd do. „		20,67,000	51,675 0 0					
				1,03,350	108	In January 1898	‡54,000	1,57,350
Balance on 31st March 1898...Rs		20,13,000		23,19,012	1,362		6,81,000	30,00,012

* 71 Debentures of the value of Rs. 35,500 were paid off; only one debenture, No. 607, for Rs. 500 remained unpaid, as it was not presented for repayment between 1st January 1890, the date on which it became repayable and the close of the past year.

† 83 Debentures of the value of Rs. 41,500 were paid off; only one debenture, No. 810, for Rs. 500 remained unpaid, as it was not presented for repayment between 1st January 1893, the date on which it became repayable and the close of the past year.

‡ 94 Debentures of the value of Rs. 47,000 were paid off; fourteen Debentures, bearing Nos. 1334 to 1339, and 1341 to 1348, remained unpaid, as they were not presented for repayment between 1st January 1898, the date on which they became repayable and the close of the past year.

NOTE.—Rs. 5,000 have, therefore, been renewed to meet these claims during 1898-99 if presented by the holders.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 B.

BOMBAY 5% MUNICIPAL DRAINAGE LOAN OF 1878 (Rs. 26,94,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1883-87.	1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		TOTAL.
	9th to 18th half-years due on 1st July and 1st January.	19th half-year due on 1st July 1888.	20th half-year due on 1st January 1889.	21st half-year due on 1st July 1889.	22nd half-year due on 1st January 1890.	23rd half-year due on 1st July 1890.	24th half-year due on 1st January 1891.	25th half-year due on 1st July 1891.	26th half-year due on 1st January 1892.	27th half-year due on 1st July 1892.	28th half-year due on 1st January 1893.	29th half-year due on 1st July 1893.	30th half-year due on 1st January 1894.	31st half-year due on 1st July 1894.	32nd half-year due on 1st January 1895.	33rd half-year due on 1st July 1895.	34th half-year due on 1st January 1896.	35th half-year due on 1st July 1896.	36th half-year due on 1st January 1897.	37th half-year due on 1st July 1897.	38th half-year due on 1st January 1898.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs.	Rs. a.
Outstanding Balance on 1st April 1897 as per Bank's statement	137 8	12 8	12 8	12 8	12 8	..	..	..	12 8	12 8	25 0	50	387 8	412 8	1,050	2,400	3,762 8	5,500	14,737 8	..	..	28,537 8
Interest payable for the year 1897-98 ..	....	...	..	..	..	..	..	..	..	..	..	..	....	..	...	....	..	..	....	51,675	51,675	1,03,350 0
Total Rs...	137 8	12 8	12 8	12 8	12 8	..	..	..	12 8	12 8	25 0	50	387 8	412 8	1,050	2,400	3,762 8	5,500	14,737 8	51,675	51,675	1,31,887 8
Payment made in 1897-98 by the Bank of Bombay.....	....	..	..	..	..	..	..	..	12 8	12 8	12 8	50	50 0	62 8	175	1,500	2,362 8	3,975	13,237 8	48,175	38,850	1,08,476 0
Balance outstanding on 31st March 1898	137 8	12 8	12 8	12 8	12 8	..	..	..	..	..	12 8	..	337 8	350 0	875	900	1,400 0	1,525	1,500 0	3,500	12,825	23,412 8

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

BOMBAY 5 % MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

Raised between 5th May 1885 and 30th March 1886 as per Corporation's Resolutions Nos. $\frac{9021}{8\text{-}12\text{-}81}$, $\frac{905}{22\text{-}3\text{-}82}$ *and* $\frac{438}{16\text{-}5\text{-}83}$, *and Government Resolutions Nos.* $\frac{3669}{17\text{-}7\text{-}82}$, $\frac{884}{2\text{-}2\text{-}83}$, $\frac{3771}{19\text{-}10\text{-}83}$, $\frac{460}{4\text{-}2\text{-}84}$ *and* $\frac{1240}{27\text{-}4\text{-}85}$. *Wholly repayable on 1st July 1925.*

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from May 1885.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable. No.	Debentures repayable. Amount.	TOTAL.
Interest from 5th May to 30th June 1885 on Rs. 1,56,000 raised in May and June 1885	Rs.	Rs. a. p. 734 9 10	Rs. a. p.		Rs.	Rs. a. p.
Interest for the 2nd half of 1885	44,00,000	1,10,000 0 0	1,10,734 9 10	.....	.....*	1,10,734 9 10
Do. 1st half of 1886	44,00,000	1,10,000 0 0				
Do. 2nd do. ,, ...	43,93,000	1,09,825 0 0	2,19,825 0 0	14	1st July 1886 7,000*	2,26,825 0 0
Do. 1st do. 1887	43,93,000	1,09,825 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	2,08,575 0 0	886	1st July 1887 4,43,000*	6,51,575 0 0
Do. 1st do. 1888	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1889	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	39,50,000	98,750 0 0	1,97,500 0 0	.....	.....*	1,97,500 0 0
Do. 1st do. 1890	39,50,000	98,750 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,96,225 0 0	102	1st July 1890 51,000*	2,47,225 0 0
Do. 1st do. 1891	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do 1892	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do 1893	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1894	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	38,99,000	97,475 0 0	1,94,950 0 0	.....	.....*	1,94,950 0 0
Do. 1st do. 1895	38,99,000	97,475 0 0				
Do. 2nd do. ,, ...	37,39,000	93,475 0 0	1,90,950 0 0	320	1st July 1895 1,60,000*	3,50,950 0 0
Do. 1st do. 1896	37,39,000	93,475 0 0				
Do. 2nd do. ,, ...	37,39,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Do. 1st do. 1897	37,39,000	93,475 0 0				
Do. 2nd do. ,, ...	37,39,000	93,475 0 0	1,86,950 0 0	.....	.....*	1,86,950 0 0
Balance on 31st March 1898.....Rs.	37,39,000		24,75,009 9 10	1,322	6,61,000	31,36,009 9 10

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 5,59,689-5-6, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. I D.

BOMBAY 5 % MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1886-87.	1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		TOTAL.
	2nd to 6th half-years due on 1st July and 1st January.	6th half-year due on 1st July 1888.	7th half-year due on 1st January 1889.	8th half-year due on 1st July 1889.	9th half-year due on 1st Jan. 1890.	10th half-year due on 1st July 1890.	11th half-year due on 1st Jan. 1891.	12th half-year due on 1st July 1891.	13th half-year due on 1st Jan. 1892.	14th half-year due on 1st July 1892.	15th half-year due on 1st Jan. 1893.	16th half-year due on 1st July 1893.	17th half-year due on 1st Jan. 1894.	18th half-year due on 1st July 1894.	19th half-year due on 1st Jan. 1895.	20th half-year due on 1st July 1895.	21st half-year due on 1st Jan. 1896.	22nd half-year due on 1st July 1896.	23rd half-year due on 1st Jan. 1897.	24th half-year due on 1st July 1897.	25th half-year due on 1st Jan. 1898.	
	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs.	Rs.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.
Outstanding Balance on 31st April 1897 as per Bank's statement	50	12 8	12 8	12 8	62 8	62 8	150	150	400	437 8	487 8	500	687 8	1,012 8	1,200	1,550	3,237 8	6,775 0	17,050 0	..	....	33,850 0
Interest payable for the year 1897-98 ..	...	..	..	..	..	..	..	..	..	..	..	..	....	....	....	..	....	....	....	93,475	93,475 0	1,86,950 0
Total..Rs.	50	12 8	12 8	12 8	62 8	62 8	150	150	400	437 8	487 8	500	687 8	1,012 8	1,200	1,550	3,237 8	6,775 0	17,050 0	93,475	93,475 0	2,20,800 0
Payment made in 1897-98 by the Bank of Bombay...	50	12 8	12 8	12 8	50 0	50 0	125	125	375	375 0	375 0	375	400 0	512 8	575	875	1,400 0	4,687 8	13,837 8	88,850	79,862 8	1,92,937 8
Outstanding Balance on 31st March 1898	....	..	..	..	12 8	12 8	25	25	25	62 8	112 8	125	287 8	500 0	625	675	1,837 8	2,087 8	3,212 8	4,625	13,612 8	27,862 8

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 E.

BOMBAY 5% MUNICIPAL DRAINAGE AND WATER WORKS LOAN OF 12 LAKHS.*

Raised in two equal instalments on 1st January and 1st July 1888 *as per Corporation's Resolutions Nos.* 894 *and* 1145, *dated* 28*th July and* 8*th September* 1887, *respectively, and Government Resolution No.* 873, *dated* 16*th March* 1888. *Repayable on 1st January* 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1894.		1895.		1896.		1897.		Total.
	13th Half-year due on 1st July 1894	14th Half-year due on 1st Jan. 1895.	15th Half-year due on 1st July 1895	16th Half-year due on 1st Jan. 1896.	17th Half-year due on 1st July 1896	18th Half-year due on 1st Jan. 1897.	19th Half-year due on 1st July 1897	20th Half-year due on 1st Jan. 1898	
	Rs. a.	Rs. a.	Rs.	Rs.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.
Outstanding Balance on 1st April 1897 as per Bank's statement	87 8	87 8	125	300	1,725	18,675 0	.....	.....	21,000
Interest payable for the year 1897-98.	.....	.....	.....	.....	.....	.....	30,000	30,000 0	60,000
Total...Rs.	87 8	87 8	125	300	1,725	18,675 0	30,000	30,000 0	81,000
Payment made in 1897-98 by the Bank of Bombay	.....	.....	25	200	1,600	18,512 8	29,725	17,862 8	67,925
Balance outstanding on 31st March 1898...Rs.	87 8	87 8	100	100	125	162 8	275	12,137 8	13,075

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 1,36,541-15-5, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 F.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1888 (Rs. 7,00,000).*

Raised on 1st February 1888 *as per Corporation's Resolution No.* 991, *dated 13th October* 1886, *and Government Resolution No.* 1427, *dated 4th May* 1888.

Repayable on the 1st February 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1892.		1893.		1894.		1895.		1896.		1897.		Total.
	9th Half-year due on 1st Aug. 1892.	10th Half-year due on 1st Feb. 1893.	11th Half-year due on 1st Aug. 1893.	12th Half-year due on 1st Feb. 1894.	13th Half-year due on 1st Aug. 1894.	14th Half-year due on 1st Feb. 1895.	15th Half-year due on 1st Aug. 1895.	16th Half-year due on 1st Feb. 1896.	17th Half-year due on 1st Aug. 1896.	18th Half-year due on 1st Feb. 1897.	19th Half-year due on 1st Aug. 1897.	20th Half-year due on 1st Feb. 1898.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs.	Rs.	Rs. a.
Outstanding Balance on 1st April 1897 as per Bank's statement	...	...	...	...	1,000	1,012 8	1,012 8	1,750 0	2,262 8	7,575	...	...	14,612 8
Interest payable for the year 1897-98 ..	...	...	...	...	...	.....	.....	.....	.....	.....	17,500	17,500	35,000 0
Total...Rs.	...	...	...	...	1,000	1,012 8	1,012 8	1,750 0	2,262 8	7,575	17,500	17,500	49,612 8
Payment made in 1897-98 by the Bank of Bombay ...	...	...	...	...	...	...	...	562 8	1,062 8	6,375	15,625	11,825	35,450 0
Balance outstanding on 31st March 1898 Rs.	...	...	...	...	1,000	1,012 8	1,012 8	1,187 8	1,200 0	1,200	1,875	5,675	14,162 8

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 75,192-15-2, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 G.

BOMBAY 5 % MUNICIPAL TANSA LOAN OF Rs. 147 LAKHS.*

† *Raised between 5th June* 1886 *and 24th December* 1891 *as per Corporation's Resolutions Nos.* $\frac{1813}{18\text{-}11\text{-}85}$ *and* $\frac{345}{9\text{-}4\text{-}91}$, *and Government Resolutions Nos.* $\frac{561}{12\text{-}2\text{-}86}$ $\frac{1008}{16\text{-}3\text{-}86}$ $\frac{1930}{31\text{-}5\text{-}86}$ $\frac{2876}{21\text{-}9\text{-}87}$ $\frac{3978}{21\text{-}7\text{-}88}$ $\frac{4193}{8\text{-}10\text{-}89}$ $\frac{3892}{23\text{-}8\text{-}90}$ *and* $\frac{3262\text{-}63}{15\text{-}9\text{-}91}$.

Repayable between 1*st January* 1928 *and* 1*st January* 1953.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		TOTAL.
	8th half-year due on 1st April 1890.	9th half-year due on 1st October 1890.	10th half-year due on 1st April 1891.	11th half-year due on 1st October 1891.	12th half-year due on 1st April 1892.	13th half-year due on 1st October 1892.	14th half-year due on 1st April 1893.	15th half-year due on 1st October 1893.	16th half-year due on 1st April 1894.	17th half-year due on 1st October 1894.	18th half-year due on 1st April 1895.	19th half-year due on 1st October 1895.	20th half-year due on 1st April 1896.	21st half-year due on 1st October 1896.	22nd half-year due on 1st April 1897.	23rd half-year due on 1st October 1897.	
	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs.	Rs.	Rs. a.
Outstanding Balance on 1st April 1897 as per Bank's statement ..	12 8	25	37 8	50 0	162 8	625 0	912 8	1,037 8	1,350	1,650	3,462 8	4,475	17,950 0	55,787 8	..	..	87,537 8
Interest payable for the year 1897-98	..	..	..	..	..	..	....	....	....	..	....	....	....	....	3,67,500	3,67,500	7,35,000 0
Total ..Rs.	12 8	25	37 8	50 0	162 8	625 0	912 8	1,037 8	1,350	1,650	3,462 8	4,475	17,950 0	55,787 8	3,67,500	3,67,500	8,22,537 8
Payment made in 1897-98 by the Bank of Bombay	12 8	25	37 8	37 8	100 0	187 8	200 0	250 0	300	400	1,787 8	1,775	14,737 8	51,325 0	3,60,775	3,25,125	7,56,475 0
Balance outstanding on 31st March 1898 .. .. Rs.	..	..	..	12 8	62 8	437 8	712 8	787 8	1,050	1,250	2,275 0	2,700	3,212 8	4,462 8	6,725	42,375	66,062 8

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 2,87,393-7-11, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

† 1st Instalment of Rs. 17 lakhs raised between 5th June and 25th October 1886.
2nd do. „ 30 do. 10th August and 30th December 1887.
3rd do. „ 25 do. 11th January and 15th November 1888.
4th do. „ 25 do. 2nd November 1889 and 15th January 1890.
5th do. „ 25 do. 29th August and 24th September 1890.
6th do. „ 25 do. on 24th December 1891.

Rs. 147 lakhs.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 H.

BOMBAY 5% MUNICIPAL LOAN OF Rs. 10,08,500*
FOR MISCELLANEOUS WORKS.
(Drainage, Water Works, Markets and Roads.)

Raised between 1st *November* 1888 *and* 1st *July* 1889 *as per Corporation's Resolution No.* 29, *dated* 4th *April* 1888, *and Government Resolution No.* 4138, *dated* 24th *November* 1888.

Repayable on 1st *October* 1928.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1895.	1896.		1897.		Total.
	13th Half-year due on 1st October 1895.	14th Half-year due on 1st April 1896.	15th Half-year due on 1st October 1896.	16th Half-year due on 1st April 1897.	17th Half-year due on 1st October 1897.	
	Rs.	Rs.	Rs.	Rs. a.	Rs. a.	Rs. a.
Outstanding Balance on 1st April 1897 as per Bank's statement	250	250	500	.....	...	1,000 0
Interest payable for the year 1897-98 ...	.....	.....	.....	25,212 8	25,212 8	50,425 0
Total...Rs...	250	250	500	25,212 8	25,212 8	51,425 0
Payment made in 1897-98 by the Bank of Bombay	250	250	500	25,212 8	21,250 0	47,462 8
Balance outstanding on 31st March 1898...Rs.	.....	.....	.....	.....	3,962 8	3,962 8

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 95,473-4-9, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 I.

BOMBAY 5% MUNICIPAL AGRIPADA HOUSE SULLAGE WATER CONNECTIONS LOAN OF Rs. 2,48,000.*

Raised between 1st *January and* 1st *July* 1890, *as per Corporation's Resolution No.* 4688, *dated* 8th *October* 1888, *and Government Resolution No.* 17, *dated* 3rd *January* 1890.

Repayable on 1st *July* 1929.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1896.		1897.		Total.
	13th Half-year due on 1st July 1896.	14th Half-year due on 1st Jan. 1897.	15th Half-year due on 1st July 1897.	16th Half-year due on 1st Jan. 1898.	
	Rs.	Rs.	Rs.	Rs.	Rs.
Outstanding Balance on 1st April 1897 as per Bank's Statement	... ...	25	.....	.....	25
Interest payable for the year 1897-98	.....	.....	6,200	6,200	12,400
Total ... Rs.	.....	25	6,200	6,200	12,425
Payment made in 1897-98 by the Bank of Bombay ...	.....	25	6,200	6,200	12,425
Balance outstanding on 31st March 1898 ...	.....	.....	.....	.....	.....

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 22,869-1-4, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 J.

BOMBAY 5% MUNICIPAL 35 LAKHS VARIOUS SANITARY WORKS LOAN OF 1890.*

Raised between 25*th September* 1890 *and* 1*st January* 1892 *as per Corporation's Resolutions Nos.* 572/13-5-89, 5152/25-11-89, 6235/28-1-90, 438/17-4-90, *and* 1488/22-5-90 *and Government Resolution No.* 3392, *dated* 23*rd August* 1890.

Repayable on 1*st July* 1930.

STATEMENT showing the Amount of Interest outstanding on 1st April 1897, the Amount payable for the year 1897-98, the Amount paid during that year, and the Balance outstanding on 31st March 1898.

	1891.	1892.		1893.		1894.		1895.		1896.		1897.		Total.
	2nd Half-year due on 1st January 1892.	3rd Half-year due on 1st July 1892.	4th Half-year due on 1st January 1893.	5th Half-year due on 1st July 1893.	6th Half-year due on 1st January 1894.	7th Half-year due on 1st July 1894.	8th Half-year due on 1st January 1895.	9th Half-year due on 1st July 1895.	10th Half-year due on 1st January 1896.	11th Half-year due on 1st July 1896.	12th Half-year due on 1st January 1897.	13th Half-year due on 1st July 1897.	14th Half-year due on 1st January 1898.	
	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs.
Outstanding Balance on 1st April 1897, as per Bank's Statement	37 8	37 8	37 8	100 0	137 8	137 8	187 8	287 8	2,925	4,975 0	23,312 8	...	...	32,175
Interest payable for the year 1897-98	...	...	...	...	...	...	...	...	...	...	...	87,500 0	87,500	1,75,000
Total... Rs.	37 8	37 8	37 8	100 0	137 8	137 8	187 8	287 8	2,925	4,975 0	23,312 8	87,500 0	87,500	2,07,175
Payment made in 1897-98 by the Bank of Bombay ... Rs.	37 8	37 8	37 8	37 8	62 8	62 8	112 8	137 8	1,275	3,037 8	21,250 0	80,537 8	60,700	1,67,325
Balance outstanding on 31st March 1898... ...Rs.	...	...	...	62 8	75 0	75 0	75 0	150 0	1,650	1,937 8	2,062 8	6,962 8	26,800	39,850

*The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 2,39,024-7-5, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 K.

BOMBAY 5% MUNICIPAL BUILDING LOAN OF 8 LAKHS OF 1891-92.*

Raised on 24th December 1891, *as per Corporation's Resolution No.* 11551, *dated 9th February* 1891, *and Government Resolution No.* 3262, *dated 15th September* 1891.

Repayable on 1st July 1931.

STATEMENT showing the amount of Interest payable for the year 1897-98, the amount paid during that year, and the Balance outstanding on 31st March 1898.

	1896.		1897.		Total.
	9th Half-year due on 1st July 1896.	10th Half-year due on 1st Jan. 1897.	11th Half year due on 1st July 1897.	12th Half-year due on 1st Jan. 1898.	
	Rs.	Rs.	Rs.	Rs.	Rs.
Interest payable for the year 1897-98	.....	.....	20,000	20,000	40,000
Payment made in 1897-98 by the Bank of Bombay ...	.....	.....	20,000	20,000	40,000
Balance outstanding on 31st March 1898...	.....	.....	.....	.....	.....

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 48,605-6-10, including interest accumulations, has been deposited with the Bank of Bombay in 5 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 L.

BOMBAY 4% MUNICIPAL LOAN OF 4½ LAKHS FOR FIRE BRIGADE QUARTERS AND STATIONS.*

First Instalment of Rs. 2,50,000 *raised on* 23*rd December* 1892 *and second Instalment of Rs.* 2,00,000 *raised on* 30*th November and* 1*st December* 1893, *as per Corporation's Resolution No.* 5144, *dated* 8*th August* 1892, *and Government Resolution No.* 2501, *dated* 14*th June* 1892.
Repayable on 1*st January* 1923.

STATEMENT showing the amount of Interest outstanding on 1st April 1897, the amount payable for the year 1897-98, the amount paid during that year, and the Balance outstanding on 31st March 1898.

	1893.	1894.		1895.		1896.		1897.		Total.
	2nd Half-year due on 1st Jan. 1894.	3rd Half-year due on 1st July 1894.	4th Half-year due on 1st Jan. 1895.	5th Half-year due on 1st July 1895.	6th Half-year due on 1st Jan. 1896.	7th Half-year due on 1st July 1896.	8th Half-year due on 1st January 1897.	9th Half-year due on 1st July 1897.	10th Half-year due on 1st Jan. 1898.	
	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.
Outstanding Balance on 1st April 1897 as per Bank's statement	1 13 5	10	20	320	400	470	1,430	...	...	2,651 13 5
Interest payable for the year 1897-98	...	...	...	...	...	...	...	9,000	9,000	18,000 0 0
Total ... Rs.	1 13 5	10	20	320	400	470	1,430	9,000	9,000	20,651 13 5
Payment made in 1897-98 by the Bank of Bombay.	1 12 0	10	20	320	320	330	1,240	8,620	7,660	18,521 12 0
Amount paid short by the Bank of Bombay Rs.	0 1 5	...	...	...	...	...	...	...	..	0 1 5
Balance outstanding on 31st March 1898 ... Rs.	...	...	...	...	80	140	190	330	1,340	2,130 0 0

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 43,786-9-5, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 M.

BOMBAY 4% MUNICIPAL LOAN OF 42 LAKHS FOR REPAYMENT OF BALANCE OF GOVERNMENT CONSOLIDATED LOAN.*

Raised on 28th and 29th June 1893 *as per Corporation's Resolution No.* 13956 *of* 23*rd March* 1893, *and Government Resolution No.* 1989 *of* 6*th June* 1893 (*General Department*).
Repayable on 1*st July* 1923.

STATEMENT showing the amount of interest outstanding on 1st April 1897, the amount payable for the year 1897-98, the amount paid during that year, and the balance outstanding on 31st March 1898.

	1893.	1894.		1895.		1896.		1897.		Total.
	1st Half-year due on 1st January 1894.	2nd Half-year due on 1st July 1894.	3rd Half-year due on 1st January 1895.	4th Half-year due on 1st July 1895.	5th Half-year due on 1st January 1896.	6th Half-year due on 1st July 1896.	7th Half-year due on 1st January 1897.	8th Half-year due on 1st July 1897.	9th Half-year due on 1st January 1898.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Outstanding Balance on 1st April 1897 as per Bank's statement	300	570	900	1,210	1,950	3,910	20,110	.....	.....	28,950
Interest payable for the year 1897-98 ...	...	...	...	...	...	...	...	84,000	84,000	1,68,000
Total ... Rs.	300	570	900	1,210	1,950	3,910	20,110	84,000	84,000	1,96,950
Payment made in 1897-98 by the Bank of Bombay ... ... Rs.	70	90	390	610	1,080	2,580	18,230	81,610*	70,710	1,75,370
Balance outstanding on 31st March 1898. Rs.	230	480	510	600	870	1,330	1,880	2,390	13,290	21,580

* The Sinking Fund up to 1897-98 on account of this Loan, amounting to Rs. 3,37,034-1-2, including interest accumulations, has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1 N.

BOMBAY 4% MUNICIPAL LOAN OF 23½ LAKHS FOR THE CONSTRUCTION OF DRAINAGE AND WATER WORKS, ROADS AND OTHER WORKS.*

1st instalment of Rs. 13 *lakhs raised between* 12*th and* 31*st January* 1894, *and 2nd instalment of Rs.* 10½ *lakhs raised between* 11*th and* 15*th July* 1895, *as per Corporation's Resolution No.* 6222, *dated* 28*th September* 1893, *and Government Resolutions Nos.* $\frac{809}{3\text{-}3\text{-}94}$ *and* $\frac{3764}{8\text{-}10\text{-}94}$ (*General Department*).

Repayable on 1st July 1935:

STATEMENT showing the amount of interest outstanding on 1st April 1897, the amount payable for the year 1897-98, the amount paid during that year and the balance outstanding on 31st March 1898.

	1894.		1895.		1896.		1897.		Total.
	Broken period's Interest due on 1st July 1894.	1st Half-year due on 1st Jan. 1895.	2nd Half-year due on 1st July 1895.	3rd Half-year due on 1st January 1896.	4th Half-year due on 1st July 1896.	5th Half-year due on 1st Jan. 1897.	6th Half-year due on 1st July 1897.	7th Half-year due on 1st Jan. 1898.	
	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.
Outstanding balance on 1st April 1897 as per Bank's statement ...	93 2 10	150	260	889 1 7	4,280	15,480	.....	.....	21,152 4 5
Interest payable for the year 1897-98	.....	.....	.....	.....	.....	.....	46,500	46,500	93,000 0 0
Total Rs. ...	93 2 10	150	260	889 1 7	4,280	15,480	46,500	46,500	1,14,152 4 5
Payment made in 1897-98 by the Bank of Bombay	9 5 0	50	150	599 8 6	3,660	14,670	44,380	36,200	99,718 13 6
Balance outstanding on 31st March 1898 ...	83 13 10	100	110	289 9 1	620	810	2,120	10,300	14,433 6 11

* The Sinking Fund Instalment on account of this Loan for 1897-98 amounting to Rs. 51,795-7-3 including interest accumulations has been deposited with the Bank of Bombay in 4 per cent. Municipal Debentures, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 1-O.

BOMBAY MUNICIPAL LOAN OF 15¾ LAKHS FOR SEWERAGE, WARI BUNDER, &c., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS.*

First Instalment of Rs. 10 *Lakhs raised on* 1*st December* 1896, *at* 3½% *interest per annum as per Corporation's Resolutions Nos.* $\frac{504}{12\text{-}4\text{-}94}$, $\frac{\cdot 13697}{7\text{-}3\text{-}95}$ *and* $\frac{8992}{7\text{-}11\text{-}95}$ *and Government Resolutions Nos.* $\frac{3501}{22\text{-}8\text{-}95}$ *and* $\frac{883}{22\text{-}2\text{-}96}$ (*General Department*).

STATEMENT showing the amount of Interest outstandng on 1st April 1897, the amount payable for the year 1897-98, the amount paid during that year, and the Balance outstanding on 31st March 1898.

	1897.	1898.		Total.
	Broken periods from 1st to 31st December 1896 due on 1st January 1897.	1st Half-year due on 1st July 1897.	2nd Half-year due on 1st January 1898.	
	Rs. a. p.	Rs.	Rs.	Rs. a. p.
Outstanding balance on 1st April 1897	2,934 13 5	.....	.....	2,934 13 5
Interest on Rs. 10,00,000 payable for the year 1897-98 ...	.....	17,500	17,500	35,000 0 0
Total Rs. ...	2,934 13 5	17,500	17,500	37,934 13 5
Payment made in 1897-98 by the Bank of Bombay	2,934 13 2	17,500	17,500	37,934 13 2
Amount paid short by the Bank of Bombay	0 0 3	... ..	.....	0 0 3
Balance outstanding on 31st March 1898	.....	.. ...	.....	.....

* The Sinking Fund up to 1897-98 on account of this Loan amounting to Rs. 19,191-8-8 including interest accumulations, has been deposited with the Bank of Bombay in 3½ per cent. Government Paper, &c.—*Vide* page 135.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 2.

STATEMENT showing the Quantity and Value of several Articles upon which Town Duty was levied during 1897-98 under Section 192 (1) of "The City of Bombay Municipal Act, 1888."

Duty Collected by		Grain and Pulse at 2 Annas per Candy.		Flour at 1 Anna and 6 Pies per Candy.		Wines and Spirits at 4 Annas per Gallon.		Beer at 6 Pies per Gallon.		Sugar at 8 Annas per Cwt.		Ghee at 8 Annas per Maund.		Timber at 2½ per Cent.		Firewood at 1 Anna per Candy.		Total Monthly Collections.
		Candies and Furrahs.	Amount of Duty.	Candies and Furrahs.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	Cwt. qrs. lbs.	Amount of Duty.	Maunds and Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies and Maunds.	Amount of Duty.	
The Traffic Manager, Port Trust Bundars.			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
April	1897	1,32,884 4	16,610 9 0	8 4	0 12 9	72,217 5	18,054 6 8	88,891 5	2,777 13 10	1,44,802 2 0	72,401 4 0	791 25	895 13 0	2,63,311 4 0	6,707 12 6	39,879 21	2,492 0 9	1,19,440 8 6
May	,,	1,11,321 7	13,915 9 9	.....	.....	71,115 0	17,778 12 8	85,442 0	2,670 1 0	1,17,313 2 21	58,656 13 6	1,635 35	817 15 0	1,53,168 12 0	3,829 3 6	29,522 21	2,470 2 9	1,00,138 9 9
June	,,	91,081 2	11,385 2 6	.....	.....	74,035 5	18,508 13 0	98,187 4	3,068 5 9	1,26,360 1 14	63,180 3 0	313 35	156 15 0	3,72,272 4 6	9,306 12 11	5,331 21	333 3 9	1,10,939 7 11
July	,,	95,268 7	11,908 3 9	6 0	0 9 0	76,904 4	19,226 2 0	1,04,128 4	3,253 6 8	1,35,806 1 14	67,903 3 0	418 0	206 8 0	8,21,153 12 0	8,028 13 6	499 14	31 3 6	1,10,568 7 0
August	,,	1,38,822 4	17,352 13 0	100 6	9 7 0	66,251 4	16,562 14 8	49,078 4	1,533 11 8	67,599 2 0	33,794 12 0	9 20	4 12 0	2,48,533 12 0	6,213 5 6	1,453 0	90 13 0	75,522 8 0
September	,,	1,38,643 1	17,255 6 8	49 8	4 10 0	67,810 1	16,952 8 5	95,035 0	2,969 13 6	69,259 1 7	34,629 10 6	506 20	253 4 0	4,66,046 0 8	11,651 2 5	23,575 0	1,473 7 0	85,189 14 1
October	,,	78,427 7	9,778 7 8	30 0	2 13 0	77,041 5	19,260 6 7	43,063 7	1,345 11 11	1,48,670 3 21	74,335 7 6	648 5	319 1 0	4,45,765 0 0	11,094 2 0	59,315 0	3,707 5 0	1,19,243 4 9
November	,,	67,219 0	8,402 2 0	0 5	0 0 9	87,529 2	20,632 5 6	71,421 4	2,231 5 3	2,06,483 1 0	1,03,241 10 0	583 25	291 13 0	4,19,149 12 8	10,478 11 11	56,308 7	3,519 2 3	1,48,891 13 5
December	,,	68,998 2	8,624 12 5	37 1	3 7 9	93,042 7	23,260 11 5	54,511 1	1,672 3 7	1,67,008 6 14	83,504 1 0	956 15	478 3 0	5,45,680 6 8	16,142 0 2	50,133 21	3,133 5 9	1,36,918 13 1
January	1898	57,559 6	7,232 7 6	71 5	6 11 6	81,013 4	20,253 5 11	33,929 5	1,060 4 10	2,40,952 2 14	1,20,476 5 0	1,356 17	678 8 6	2,29,356 10 8	5,733 14 8	46,310 21	2,894 6 9	1,36,335 11 8
February	,,	38,693 0	4,836 10 0	4 5	0 7 0	79,423 5	19,855 14 4	44,830 0	1,400 15 0	1,98,307 2 0	99,153 12 0	362 0	181 0 0	2,27,073 12 0	5,676 13 6	51,986 21	3,249 2 9	1,31,834 10 7
March	,,	1,09,986 7	13,748 5 9	.....	.....	84,727 2	21,181 13 0	78,939 0	2,466 13 6	2,17,881 0 21	1,08,940 9 6	863 0	434 0 0	6,31,237 11 4	15,780 15 1	65,674 21	4,104 10 9	1,66,657 3 7
Total...		11,23,639 7	1,40,454 15 8	308 5	28 15 0	9,26,112 2	2,31,528 0 10	8,46,761 2	26,461 4 8	18,50,355 1 14	9,25,177 11 0	8,434 37	4,217 7 6	44,25,749 2 8	1,10,643 11 8	4,39,982 0	27,498 14 0	14,66,011 0 4
G. I. P. Railway Company.																		
April	1897	9,099 0	1,137 6 0	.....	.....	25 0	6 4 0	1,672 0	52 4 0	6,482 1 14	3,241 3 0	17,198 12	8,599 2 6	905 0 0	22 10 0	5,144 0	321 8 0	13,380 5 6
May	,,	7,748 0	968 8 0	12 0	1 1 8 0	37 0	9 4 0	3,716 0	116 2 0	5,549 3 0	2,774 14 0	26,794 30	13,397 6 0	2,035 0 0	50 14 0	18,355 0	834 11 0	18,252 13 0
June	,,	2,714 4	314 5 0	8 0	0 12 0 0	35 0	8 12 0	1,824 0	57 0 0	3,660 0 0	1,830 0 0	19,414 15	9,707 8 0	1,040 0 0	26 0 0	12,662 0	791 6 0	12,735 6 0
July	,,	1,480 0	185 0 0	0 5	0 1 0	31 6	7 15 0	2,204 0	68 14 0	3,555 2 14	1,777 13 0	15,442 16	7,721 3 8	880 0 0	22 0 0	8,375 0	210 15 0	9,993 13 4
August	,,	2,599 4	323 13 0	0 5	0 1 0	39 0	9 12 0	3,636 0	113 10 0	4,121 3 0	2,060 14 0	9,839 25	4,919 18 0	25 0 0	0 10 0	13,576 0	848 7 0	8,277 0 0
September	,,	1,528 0	191 0 0	.....	.....	102 4	25 10 0	2,980 0	93 2 0	2,918 1 14	1,459 8 0	24,630 18	12,315 8 6	10 0 0	0 4 0	11,271 0	704 7 0	14,518 13 6
October	,,	8,050 0	1,006 4 0	.....	.....	56 4	12 10 0	2,940 0	91 14 0	7,460 1 14	3,815 3 0	22,013 15	11,006 11 0	1,190 0 0	29 12 0	4,631 0	289 7 0	16,241 15 0
November	,,	19,249 4	2,406 8 0	.....	.....	118 0	29 8 0	3,024 0	94 8 0	4,343 3 0	2,171 14 0	26,628 10	13,314 2 0	1,380 0 0	34 8 0	6,255 0	390 15 0	18,117 10 0
December	,,	31,068 0	4,383 8 0	.....	.....	40 0	10 0 0	2,672 0	83 8 0	7,356 2 0	3,678 4 0	40,807 20	20,153 12 0	3,695 0 0	92 6 0	5,564 0	350 1 0	28,701 7 0
January	1898	32,379 0	4,047 6 0	10 6	1 0 0	110 0	27 8 0	3,126 0	97 11 0	5,142 2 14	2,721 5 0	19,760 30	9,830 6 0	19,150 0 0	478 12 0	6,329 0	395 9 0	17,419 9 0
February	,,	47,018 6	5,877 4 0	2 0	0 8 0	46 0	11 8 0	2,628 0	82 2 0	3,883 1 0	1,791 10 0	22,062 15	11,031 8 0	5,407 8 0	135 3 0	7,338 0	458 12 0	19,887 11 0
March	,,	72,112 0	9,014 0 0	2 5	0 4 0	135 0	33 12 0	6,012 0	190 10 0	9,000 3 0	2,900 6 0	16,684 0	8,292 0 0	3,670 0 0	91 12 0	5,912 0	371 6 0	20,160 2 0
Total...		2,38,436 4	29,804 9 0	36 5	3 7 0	769 6	192 7 0	36,434 0	1,107 5 0	59,845 0 14	29,922 9 0	2,60,676 6	1,30,338 1 3	39,387 8 0	984 11 0	95,478 0	6,967 6 0	1,38,320 7 3

	16,774 0	2,096 12 0	210 0	20 4 0	79 0				2 2 0	1 4 0												
	13,475 4	2,809 3 0	22 0	2 1 0	72 0	18 0 0			3 0 0	1 8 0												
	12,045 4	1,505 11 0	43 8	4 1 0	8 4	2 2 0				0 1 0	5,156 10	2,578 2 0				899 0	56 8 0	4,772 5 0				
	6,803 0	796 6 0	155 3	14 9 0	60 4	15 2 6					7,047 20	5,523 12 0				3,423 0	213 15 0	6,063 12 0				
	6,706 4	849 9 0	46 0	4 5 0	97 0	24 4 0					8,459 0	4,229 8 0				4,241 0	265 1 0	6,966 7 0				
	6,999 0	868 10 0	32 0	3 0 0	47 0	11 12 0			0 2 0	0 4 0	11,292 0	5,646 0 0	100 0 0	2 8 0		1,517 0	94 13 0	6,668 10 0				
	11,136 4	1,892 1 0	34 0	3 3 0	80 4	22 6 0					9,641 10	4,820 10 0				1,377 0	86 1 0	6,784 13 0				
	21,388 4	2,673 9 0	21 2	2 0 0	63 2	15 13 0					13,220 0	6,612 8 0	440 0 0	11 0 0		1,515 0	94 11 0	7,526 9 0				
	18,727 4	2,340 15 0	44 0	4 2 0	153 2	39 9 0			3 1 0	1 10 0	4,911 20	2,455 12 0				519 0	32 7 0	3,907 7 0				
1898	16,668 4	2,083 9 0	22 0	2 1 0	159 6	39 15 0			2 2 0	1 4 0	1,816 30	908 6 0				80 0	5 0 0	3,696 0 0				
	9,037 4	1,129 11 0	.....	.....	67 0	16 12 0			3 1 0	1 10 0	5,890 30	2,945 6 0				1,775 0	110 15 0	5,792 9 0				
	36,582 4	4,572 13 0	22 0	2 1 0	69 0	17 4 0			8 2 0	4 4 0	4,734 0	2,367 0 0				3,684 0	230 4 0	4,727 1 0				
									0 2 0	0 4 0	3,102 20	1,701 4 0	125 0 0	3 2 0		208 0	13 0 0	2,864 1 0				
									0 2 0	0 4 0	6,231 30	3,140 14 0	.....	.....		25 0	1 9 0	7,734 13 0				
Total..	1,80,905 4	22,613 3 0	658 0	61 11 0	970 6	242 11 0	.....	.....	24 2 0	12 4 0	82,558 10	41,279 2 0	665 0 0	16 10 0		19,263 0	1,208 15 0	65,429 8 0				
GRAND TOTAL...	15,42,961 7	1,92,872 11 8	1,008 2	94 1 0	9,27,852 6	2,31,963 2 10	8,82,195 2	27,568 9 8	19,10,225 0 0	9,55,112 8 0	8,61,669 13	1,75,834 10 9	44,65,801 10 8	1,11,645 0 8		5,54,723 0	34,670 3 0	17,29,760 15 7				
Deduct— Refunds passed by the Revenue and Refund Audit Officer.....	3,87,765 4	48,470 11 0	59,521 2	5,580 2 0	67,703 6	16,925 15 0	5,04,264 0	15,758 4 0	12,08,255 0 0	6,01,627 8 0	64,155 0	32,077 8 0	6,94,872 8 0	17,364 5 0		.....	.....	7,37,304 5 0				
Net Revenue.....	11,55,216 3	1,44,402 0 8	.....	.....	8,60,149 0	2,15,037 3 10	3,77,931 2	11,810 5 8	7,06,970 0 0	3,53,485 0 0	2,97,514 13	1,43,757 2 9	37,71,229 2 8	94,280 11 8		5,54,723 0	34,670 3 0	9,92,442 11 7				
Less— Refunds passed in excess of collections	.....	.....	58,518 0	5,486 1 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	5,486 1 0				
																		Net Revenue...Rs.	9,91,956 10 7			

ABSTRACT.

		Rs. a. p.	Rs. a. p.
Balance on 31st March 1897—			
Port Trust	.....	1,507 5 0	
G. I. P. Railway Co.	.....	2,142 14 0	
B. B. & C. I. Railway Co.	.....	44 11 0	
			8,694 14 0
Add— Collections in 1897-98—			
Port Trust	.....	14,66,011 0 4	
G. I. P. Railway Co.	.....	1,98,320 7 8	
B. B. & C. I. Railway Co.	.....	66,429 8 0	
			17,29,760 15 7
			17,38,455 13 7
Deduct—		Rs. a. p.	
Refunds paid in 1897-98		7,58,582 2 0	
Balance on 31st March 1898— Port Trust		17,32 11 6	
G. I. P. Railway Co.		6,98 2 0	
B. B. & C. I. Railway Co.		18 13 0	
		20,499 10 6	
			7,82,081 12 6
Tal Balance as per Book...Rs.			9,51,424 1 1

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (in Bank and Office Treasuries) on 1st April 1897				2,03,137 15 5
GENERAL TAX—				
From Public—				
For 1890-91		25 8 9		
„ 1891-92		30 10 0		
„ 1892-93		61 4 0		
„ 1893-94		59 8 0		
„ 1894-95		84 12 8		
„ 1895-96		3,661 14 1		
„ 1896-97	1,03,034 15 11			
Less—Transferred to Deposit Account	11 8 4			
		1,03,023 7 7		
		1,06,947 1 1		
For 1897-98	17,04,530 4 10			
Less—Transferred to—				
Deposit Account ..... Rs. 28 14 10				
General Tax for 1896-97. „ 11 9 3				
Do. for 1897-98. „ *86 9 11				
Water Tax for 1897-98... „ *191 9 8				
Halalkhore Tax for 1897-98 ..... „ *1 12 2				
	320 7 10			
		17,04,209 13 0		
		18,11,156 14 1		
Less—Refunds		5,726 12 2		
		18,05,430 1 11		
From Government of Bombay	98,374 0 0			
Do. Port Trust	1,52,482 0 0			
		2,50,856 0 0	20,56,286 1 11	
Carried over ...Rs.			20,56,286 1 11	2,03,137 15 5

* These sums having been erroneously credited to these heads as per Assessor and Collector's intimations hav with the Commissioner's sanction, transferred to the proper heads of credit.

3.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
STANDING COMMITTEE AND CORPORATION ESTABLISHMENT—				
I. Salary of the Secretary, including Personal Allowance for approved service ...	15,078 14 10			
II. Office Establishment	6,110 6 8			
III. Fees of Councillors	17,160 0 0			
IV. Contingencies, Stationery, Printing, &c.	16,476 9 2			
		54,825 14 9		
MUNICIPAL COMMISSIONER'S PERSONAL OFFICE ESTABLISHMENT—				
I. Salary of the Commissioner	47,999 15 11			
II. Establishment ..... Rs. 18,450 7 7				
Less—Over-payment recovered..... „ 10 1 8				
	18,440 5 11			
III. Contingencies, Stationery, Printing, &c....	6,830 7 4			
		73,270 13 2		
GENERAL OFFICE ESTABLISHMENT—				
I. Establishment including winding up and keeping in order Municipal Clocks, Telephone Connection (General), &c....	8,237 0 2			
II. Printing Voters' Lists.....	2,246 2 6			
III. Law Charges ..... Rs. 13,129 4 7				
Less—Amount recovered from private parties ..... „ 23 4 3				
	13,106 0 4			
IV. Repairs and Maintenance of the Municipal Office Building, Testing Lightning Conductors, &c. ..... Rs. 2,686 12 9				
Less—Excess payment recovered... „ 30 0 0				
	2,656 12 9			
V. Hydraulic Lift Service.....	1,580 1 6			
VI. Electric Lighting of the Municipal Office	1,784 4 9			
VII. Contingencies, Stationery, Printing and Peons' Clothing ... . Rs. 887 11 6				
Less—Amount transferred to the Commissioner's personal account ..... „ 226 8 0				
	661 3 6			
		30,271 9 6		
ACCOUNTS AND EXPENDITURE AUDIT ESTABLISHMENT—				
I. Establishment..... Rs. 54,044 11 11				
Less—Transferred to Deposit account. „ 9 11 6				
	54,035 0 5			
II. Contingencies, Stationery, Printing, &c..... Rs. 2,395 0 1				
Less—Stamp charges recovered and printing charges transferred to another head ... „ 6 8 6				
	2,388 7 7			
		56,423 8 0		
			*2,14,791 13 5	
Carried over...Rs.			2,14,791 13 5	

* Of this Rs. 26,818-15-8 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			20,56,286 1 11	2,03,137 15 5
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector—				
For 1891-92	3 4 9			
„ 1892-93	3 4 9			
„ 1893-94	1 8 6			
„ 1894-95	0 8 9			
„ 1895-96	75 11 0			
„ 1896-97	14,524 15 6			
	14,609 5 3			
For 1897-98 ..... Rs. 1,49,787 2 0				
Less—Transferred to Wheel Tax for 1896-97 ..... „ *18 0 0				
	1,49,769 2 0			
	1,64,378 7 3			
Less—Refunds	20 0 0			
		1,64,358 7 3		
Through the Chief Accountant—				
For previous years	5 2 0			
„ 1897-98	1,67,984 8 0			
		1,67,989 10 0		
		3,32,348 1 3		
TOLL FEES (through Traffic Manager, Port Trust)		14,489 14 0		
			3,46,837 15 3	
TOWN DUTIES—				
Through Port Trust	14,50,235 9 10			
„ B. B. & C. I. Railway Company	64,555 6 0			
„ G. I. P. Railway Company	1,95,165 3 3			
		17,09,956 3 1		
Less—Refunds		7,58,532 2 0		
			9,51,424 1 1	
LICENSES—				
(*a*) Dangerous and Offensive Trades (through License Department)		64,078 8 0		
(*b*) Streets and Buildings (through the Engineer)—				
(1) Licenses to Plumbers	840 0 0			
(2) Do. to Surveyors	2,400 0 0			
		3,240 0 0		
		67,318 8 0		
(*c*) Land Conveyance, Music, &c., Licenses (issued by the Commr. of Police)—				
(1) Land Conveyance Licenses, &c.	13,646 4 0			
(2) Music Licenses	5,330 0 0			
(3) Sundry Licenses	2,368 0 0			
		21,344 4 0		
			88,662 12 0	
LIQUOR LICENSES—Receipts from Government			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			1,89,328 6 9	
Carried over...Rs.			37,76,284 5 0	2,03,137 15 5

* *Vide* foot-note at end of page 168.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			2,14,791 13 5	
ASSESSMENT AND COLLECTION DEPARTMENT—				
PROPERTY & WHEEL TAX ESTABLISHMENT—				
I. Head Quarters' Office Establishment .....Rs. 59,082 11 0				
Less—Over-payment recovered ..... „ 25 4 8	59,057 6 4			
II. Ward Inspection Office Establishment ..... „ 68,138 14 7				
Less—Over-payment recovered ..... „ 2 5 4	68,136 9 3			
III. Contingencies, Stationery, Printing, &c..... „ 16,808 3 4				
Less—Excess charges recovered from a Contractor ..... „ 1 4 9	16,806 14 7			
		*1,44,000 14 2		
TOWN DUTY COLLECTION—				
I. Port Trust (Commission)	43,484 13 1			
II. G. I. P. Railway Co. (do.)	7,223 14 11			
III. B. B. & C. I. do. (do.)	1,994 1 0			
		52,702 13 0		
LICENSING ESTABLISHMENT—				
I. Establishment.....	14,717 2 3			
II. Contingencies, Stationery, Printing, &c.....Rs. 932 8 2				
Less—Transferred to Summons fees..... „ 140 0 0	792 8 2			
III. Summons Fees .....Rs. 1,445 11 0				
Less—Recovered from Defaulters ..... „ 1,027 0 0	418 11 0			
	15,928 5 5			
Land Conveyance License Establishment and Contingencies	8,705 5 9			
Music, Poison, &c., Licenses	1,633 5 1			
		26,267 0 3		
REVENUE & REFUND AUDIT ESTABLISHMENT—				
I. Establishment	25,018 0 11			
II. Contingencies, Stationery, Printing, &c...	510 12 2			
		†25,528 13 1		
		2,48,499 8 6		
TOLLS COLLECTION—				
I. Establishment under the Traffic Manager, Port Trust Bunders		1,988 0 0		
			2,50,487 8 6	
Carried over ...Rs.			4,65,279 5 11	

* Of this, Rs. 27,000-2-8 are chargeable to Water Works Account.
† Includes Rs. 10,105 on account of Town Duty Refund Establishment.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			37,76,284 5 0	2,03,137 15 5
HALALKHORE TAX (through Assessor and Collector)—				
For 1890-91	8 12 2			
„ 1891-92	10 8 0			
„ 1892-93	22 7 1			
„ 1893-94	953 1 5			
„ 1894-95	949 15 11			
„ 1895-96	5,754 5 11			
„ 1896-97 ..... Rs. 55,443 8 11				
Less—Transferred to—Wheel Tax for 1896-97 Rs. 2 0 0				
	55,441 8 11			
	63,140 11 5			
For 1897-98 ..... Rs. 6,79,603 14 6				
Less—Transferred to—				
Halalkhore Tax for 1896-97. Rs. 11 0 8				
Halalkhore Tax for 1897-98 „ *40 2 11				
General Tax for 1897-98 ..... „ *1 0 0				
Wheel Tax for 1897-98 .... „ *22 0 0				
Rs. 74 8 7				
	6,79,529 10 11			
		7,42,670 6 4		
Less—Refunds		7,185 1 9		
			7,35,485 4 7	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
WATER TAX (through Assessor and Collector)—				
For 1890-91	11 10 10			
„ 1891-92	14 0 0			
„ 1892-93	28 0 0			
„ 1893-94	28 0 0			
„ 1894-95	53 11 5			
„ 1895-96	1,097 9 6			
„ 1896-97	98,066 2 10			
	99,299 2 7			
For 1897-98 ..... Rs. 10,89,817 10 6				
Less—Transferred to—				
Water Tax for 1897-98 ..... Rs. 10 6 5				
Halalkhore Tax for 1897-98 Rs. 56 14 7				
Rs. *67 5 0				
	10,89,750 5 6			
Water Charges recovered (through Water Engineer)	36 1 0			
Water supplied to Municipal Departments ...	1,17,263 12 3			
Water Tax, &c.—*contd.* and carried over... Rs.	13,06,349 5 4			
Carried over.. Rs.			45,11,769 9 7	2,03,137 15 5

* *Vide* foot-note at end of page 168.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .... Rs.			4,65,279 5 11	
FIRE BRIGADE—				
I. Establishment .....Rs. 50,764 3 2				
Less—Overpayment recovered, &c. ... „ 14 3 11				
	50,749 15 3			
II. Rent, Repairs and Miscellaneous .....Rs. 35,618 14 0				
Less—Amount recovered from certain foremen on account of Municipal Taxes ... „ 804 13 3				
	35,809 0 9			
III. Purchase of Stock	5,827 0 0			
		91,386 0 0		
Add—Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 195.....		18,521 12 0		
			*1,10,407 12 0	
MAINTENANCE OF PUBLIC GARDENS—				
a. VICTORIA GARDENS—				
Maintenance—				
I. Establishment	22,126 10 0			
II. Stores & Petty Charges...Rs. 4,384 1 11				
Less—Excess Charges recovered from defaulting contractors ... „ 76 13 0				
	4,307 4 11			
III. Seeds, Plants and Labelling	2,835 10 8			
IV. Monsoon Repairs, Painting Seats and Repairs to Buildings...Rs. 5,479 1 6				
Less—Excess cost of materials recovered from defaulting contractors.. „ 5 4 0				
	5,473 13 6			
V. Water-supply	7,436 8 3			
VI. Zoological collection.....Rs. 6,803 12 6				
Less—Refund of Port Trust fee paid on account of a leopard presented to the gardens. „ 2 0 0				
	6,801 12 6			
		48,981 11 10		
New Works—				
Stormwater drain in the new ground added to the Garden	5,208 6 4			
Animalkeepers' quarters	5,853 1 6			
Clerks' Office Room	4,258 8 6			
Quarters for the Head Animalkeeper.....	117 12 0			
Do. 20 Mallets.....	105 4 0			
		15,538 0 4		
		64,519 12 2		
b. ELPHINSTONE CIRCLE GARDEN—				
I. Establishment	601 7 8			
II. Stores and Petty Charges	282 9 0			
III. *a.* Repairs, Painting, &c.....	290 9 9			
b. Sand, Turf, Earth and Manure.....	184 3 0			
IV. Water-supply	272 12 0			
		1,631 9 5		
Maintenance of Public Gardens—*continued* and carried over .... Rs.		66,151 5 7		
Carried over...Rs.			5,75,687 1 11	

* Or Rs. 1,18,507-12-0 including the Sinking Fund Instalment of Rs. 8,100 included in the Sinking Fund Payments aggregating Rs. 8,40,888-10-2 shown at page 203.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS, ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			45,11,769 9 7	2,03,137 15 5
Water Tax, &c.,—*contd.* & brought forward. Rs.	13,06,349 5 4			
Less—Refunds	6,105 13 9			
		13,00,243 7 7		
Profit on sale of Water Connection Application Forms	79 12 0			
Recovery on account of wear and tear of tools	1,520 15 9			
Rent of Water Meters.....Rs. 14,687 7 0				
Less—Refunds .....Rs. 6 0 4				
Transferred to Deposit account. „ 50 0 0				
„ 56 0 4				
	14,631 6 8			
Commission and Profit on Private Works...	456 1 4			
Sale of Tender Forms.....	124 0 0			
Hire of Pressure Gauges, Pumps, &c.....	25 0 0			
Fees for testing water pipes, fittings, &c.....	749 7 2			
Sale Proceeds of Unserviceable Tools and Plant, Scrap, &c.	37 8 0			
Profit on sale, &c., of Water Fittings, Meters, &c.....Rs. 11,500 9 2				
Less—Loss ..... „ 1,444 12 5				
	10,055 12 9			
Supplying copies of Office Records, giving Evidence, &c.	2 8 0			
Fees for disconnecting service pipes	228 0 0			
Unclaimed or time-barred deposits	26 0 0			
Sale of Grass, Rights of Drawing Toddy, Taking Fruits, Fishing in Tanks, &c.....	1,540 0 4			
Rent of Ground, &c.	132 0 0			
		29,608 8 0		
			13,29,851 15 7	
MARKET RECEIPTS—				
Stall Rents		1,37,898 0 0		
Squatters' Fees (Departmental).....		2,428 7 6		
Do. do. (through Contractors).....		22,745 0 0		
Fair Ground and Feeding Fees from Contractors	54,200 0 0			
Less—Feeding Charges	25,267 14 3			
		28,932 1 9		
License Fees from Butchers and others.....		15,909 0 0		
Fees for weighing goods at the Municipal Scales of the Arthur Crawford Markets		4,100 0 0		
Fees for verifying Weights and Measures ...		1,817 4 0		
Market Receipts—*contd.* and carried over. Rs.		2,13,824 13 3		
Carried over...Rs.			58,41,621 9 2	2,03,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			5,75,687 1 11	
Maintenance of Public Gardens—*continued* and brought forward ..... Rs.		66,151 5 7		
c. FALKLAND ROAD GARDEN—				
I. Establishment	120 0 0			
II. Stores and Petty Charges	275 10 10			
III. Water-supply	71 0 0			
		466 10 10		
d. NORTHBROOK GARDEN—				
I. Establishment	695 8 11			
II. Stores and petty charges	475 18 4			
III. Water-supply	262 12 0			
		1,433 13 3		
e. SIR COWASJEE JEHANGIR GARDEN AT MAHIM—				
I. Establishment	201 0 9			
II. Stores and Petty Charges	217 12 2			
III. Water-supply	86 8 0			
		505 4 11		
f. BAZAR GATE STREET GARDEN—				
I. Establishment	342 0 4			
II. Stores and Petty Charges	206 7 2			
III. Sand, Turf, Manure, &c.	82 8 0			
IV. Water-supply	82 8 0			
		663 7 6		
g. GARDEN ON THE FLATS—				
I. Establishment	492 4 1			
II. Stores & Petty Charges... Rs. 157 10 2				
Less—Excess cost of flower-pots recovered from the defaulting Contractors.. „ 64 9 4				
	93 0 10			
III. Water-supply	165 8 0			
		750 12 11		
h. DICK'S TANK GARDEN—				
I. Establishment	119 0 0			
II. Stores and Petty Charges	133 0 5			
III. Water-supply	82 4 0			
		334 4 5		
i. MALABAR HILL GARDEN—				
I. Establishment	440 11 0			
II. Stores and Petty Charges	244 7 2			
III. Water-supply	455 14 5			
		1,141 0 7		
			71,446 12 0	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION & MISCL. DUTIES—				
I. Superior Staff		30,900 0 0		
II. Office Establishment		9,914 10 3		
III. Surveyors and Draftsmen		6,600 0 0		
IV. Contingencies, Stationery, Printing, &c..	1,604 14 8			
Less—Summons Fees transferred to Streets and Buildings (Inspection and Supervision)	23 0 0			
		1,581 14 8		
			*48,996 8 11	
Carried over... Rs.			6,96,130 6 10	

* Of this, Rs. 12,778-15-0 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			58,41,621 9 2	2,03,137 15 5
Market Receipts—*contd.* & brought forward. Rs.		2,13,824 13 3		
Fees for the Right of Removing Blood (from Contractors)		180 0 0		
Fees for attending Courts, Inspections, &c. ...		10 0 0		
Private Markets Recoveries.....		258 0 0		
Prices Current.....		156 10 6		
Recoveries for use of Gas Lights		15 0 0		
Sale Proceeds of Unclaimed Animals.....		25 9 0		
Recoveries for Carriage of Meat (from Commissariat Contractors) &c.....		48 0 0		
Sale Proceeds of manure, &c.....		77 10 0		
		2,14,595 10 9		
Slaughter Fees.....	1,28,679 8 0			
Less—Refunds.....	1,211 8 0			
		1,27,468 0 0		
Rent of portion of Bungalow, Slaughter-houses and Chawl (from Commissariat Dept.)	3,000 0 0			
Rent of Chawls occupied by Butchers, &c. ...	2,138 0 0			
Rent of Rifle Ranges	200 0 0			
Rent of Ground	72 0 0			
		5,410 0 0		
Garden Produce		24 1 0		
Revenue from Toddy trees		40 0 0		
			3,47,537 11 9	
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale Proceeds of Plants, Flowers, &c.....		5,269 2 1		
Rent of Chawls from Malees, &c.		320 8 0		
			5,589 10 1	
TRAMWAY RENT			49,025 15 4	
MISCELLANEOUS FINES AND PENALTIES—				
Through Presidency Magistrates of Police, On Establishments	393 13 1	5,901 4 0		
Less—Refunds	3 1 8			
		390 11 5		
On Health Department (Labourers)		1,122 10 0		
„ Do. (Halalkhors).....		1,258 1 0		
„ Executive Engineer's Department (Labourers)	15 6 2			
Less—Refunds.....	1 9 4			
		13 12 10		
			8,686 7 8	
Carried over...Rs.			62,52,461 5 7	2,03,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			6,96,130 6 10	
II. DRAINAGE—				
A. MISCELLANEOUS DRAINAGE—				
I. Establishment.....Rs. 22,444 5 11				
Less—Charges transferred to other heads „ 2,031 4 9	20,413 1 2			
II. Inspecting Manholes & Sewers and Cleaning Miscellaneous Drains and Gutters.....Rs. 78,857 8 2				
Less—Charged to other heads ..... „ 1,128 12 10	77,728 11 4			
III. Repairing and altering Mis. Drains, &c.....Rs. 9,296 15 8				
Less—Transferred to other heads ..... „ 50 9 3	9,246 6 5			
IV. Contingencies, Stationery, Printing, &c. ...Rs. 3,152 10 2				
Less—Transferred to other heads ..... „ 46 0 0	3,106 10 2			
V. Water-supply to Inspectors' Chowkis, &c.	1,930 2 10			
VI. Telephone Connections to Drainage Engineer's Bungalow, &c.	700 0 0			
VII. Rent of 24 acres of ground on the Flats north of Clerk Road behind Parsi Parab	23 2 9			
VIII. Halalkhor Tax in respect of Chief Inspector's chowki, &c.	80 13 11	1,13,229 0 7		
B. MAINTENANCE OF LOVE GROVE PUMPING STATION—				
I. Establishment	11,742 7 7			
II. Coals.....	57,026 1 7			
III. Repairs to Machinery. Rs. 7,398 0 1				
Less—Transferred to General Stock ..... „ 317 2 4	7,080 13 9			
IV. Contingencies & Stores Rs. 16,147 15 7				
Less—Amount realized on account of rent of the Bungalow at Love Grove „ 640 0 0	15,507 15 7			
V. Repairs to Buildings	398 1 2			
VI. Ground-rent at Worlee...	17 1 10			
VII. Water-supply	4,144 4 5			
VIII. Halalkhor Tax.....	434 4 2			
IX. Telephone Connections	294 15 4	96,646 1 5		
C. MAINTENANCE OF SLUICES—				
I. Establishment	2,416 12 6			
II. Materials, repairs, and contingencies ..... Rs. 2,044 14 4				
Less—Transferred to other heads ..... „ 498 8 0	1,546 6 4			
III. Water-supply	55 13 10	4,019 0 8		
Miscl. Drainage—*contd* & carried over...Rs		2,13,891 2 8		
Carried over...Rs.			6,96,130 6 10	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ....Rs.			62,52,461 5 7	2,03,137 15 5
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	25,312 0 1			
Sale of Materials.....Rs. 2,215 0 11				
Less—Advertisement charges ..... „ 52 11 0				
	2,162 5 11	27,474 6 0		
On Account of Health Department—				
Rent of Chawls and Ground.....	16,121 9 0			
Rent of Reclamation Grounds at Kurla, Sion, Tardeo Flats, and DeLisle, Clarke and Arthur Roads, &c.	25,012 6 0			
Rent of Kamatipura Milch Cattle Stables.....Rs. 8,076 12 0				
Less—Commission for Collecting Rents ..... „ 180 14 2				
	7,895 13 10			
Rent of Agripada Milch Cattle Stables .....Rs. 3,174 4 0				
Less—Commission for Collecting Rents..... „ 69 1 5				
	3,105 2 7			
Rent of Mody Bay Milch Cattle Stables ...	4,670 0 0			
Rent of Dhobiwada and Shops.	16,779 0 0			
Sale of Bones, Manure, and Cowdung cakes, &c.....Rs. 1,367 0 0				
Cleaning Drains...Rs. 1,780 7 1				
Less—Transferred to sale of Tender Forms. „ 15 0 0				
Rs. 1,765 7 1				
	3,132 7 1			
Sale of Tender Forms..	60 0 0			
Rearing & Catching Fish, &c.	115 0 0			
Grazing cattle near main drain and Cutting grass	255 0 0			
Amount received from the Committee of the Suni Mahomedans in token of the formal assignment of the Mahomedan Burial Ground at Tank Bunder	1 0 0			
On Account of Municipal Engineer's Dept.—		77,147 6 6		
Commission and Profit on Private Works...	4,711 6 0			
Profit on account of Building Certificate Forms...	184 8 0			
Do. do. Repairs do. ...	250 0 0			
Hire of Carts, Rollers, &c.....	2,678 12 9			
Sale proceeds of old Gas Lamps	2,251 2 9			
Sale of Tender Forms, &c.	605 11 0			
Unclaimed Deposits	11 11 10			
	10,693 4 4			
Ground-rent for Telephone Lines .....Rs. 2,628 3 9				
Ground-rent..Rs. 1,786 12 10				
Less—Transferred to different other heads „ 255 9 6				
Rs. 1,531 3 4				
	4,159 7 1			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	5,195 0 5	20,047 11 10		
Miscl. Receipts—*contd.* and carried over ...Rs.		1,24,669 8 4		
Carried over...Rs.			62,52,461 5 7	2,03,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			6,96,130 6 10	
Mis. Drainage—*contd.* & brought forward...Rs.		2,13,894 2 8		
D. MAINTENANCE OF PUMPING STATION, COLABA, SHONE SYSTEM:—				
I. Establishment	6,589 14 10			
III. Coals	7,481 4 9			
IV. Repairs to Machinery of Stations and Ejectors.....	1,065 12 0			
V. Contingencies and Stores	2,427 9 9			
VI. Repairs to Buildings	327 12 10			
VII. Telephone connection.....	175 0 0			
VIII. Annual rental payable to Telephone Co. for working 5 electric tell-tales...	475 0 0			
IX. Water-supply	535 10 0			
X. Halalkhore Tax in respect of properties at Colaba Air Compressor Station ..... Rs. 247 15 3				
Less—Transferred to Sec. V., Contingencies and Stores..... „ 82 10 5				
	165 4 10			
XI. Electric Light Installation.....	1,777 10 1			
XII. Fitting up electric tell-tales in the inlet manholes of the Ejector Stn. ...	311 2 6			
		21,332 2 1		
III. WATER WORKS—			2,35,226 4 9	
I. Establishment Rs.1,39,092 12 1				
Less—Over-payment recovered ..... „ 44 4 10				
	1,39,048 7 3			
II. Materials .....Rs. 39,481 14 4				
Less—Recovery from a party & adjustment of excess charges ... „ 93 9 0				
	39,388 5 4			
III. Contingencies, Stationery, Printing, &c.. Rs. 15,710 1 6				
Less—Charges for Stamping Water Meter Bonds, &c., recovered from parties and certain printing &c., charges transferred to other heads ... „ 73 14 2				
	15,636 3 4			
IV. Renewal of 8" Main in Worli Road Rs.23,993 3 8				
Less—Surplus materials transferred to Stock.. „ 1,263 15 11				
	22,729 3 9			
V. Repairs and Painting to Water Works Buildings, Bridges, &c.	7,865 4 6			
VI. Repairs to Tulsi and Tansa Main Embankments.....	40,141 10 11			
VII. Maintenance of Pawai Works	484 5 6			
VIII. Reconstructing a portion of the Tansa Duct at the end of the 45th mile	5,717 14 10			
	2,71,014 7 5			
Less—Cost of renewing main in Worli Road paid out of the Worn-out Water Mains Renewal Fund (shown at page 195).....	22,729 3 9			
		2,48,285 3 8		
			2,48,285 3 3	
Carried over...Rs.			11,79,641 15 8	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			62,52,461 5 7	2,03,137 15 5
Miscellaneous Receipts *continued* and brought forward .....Rs.		1,24,669 8 4		
On Account of Corporation and Standing Committee's Establishment—				
Sale of Waste Paper, &c.....		4 0 0		
On Account of Assessor and Collector's Dept.—				
Sale of Waste Paper, &c.		1 3 0		
On Account of Muni. Commissioner's Dept.—				
Sale of Waste Paper, &c.		767 0 3		
Rent of Quarters belonging to the Corporation occupied by the Police Dept....	14,911 10 0			
Do. do. do. by the Fire Brigade.	3,840 0 0			
		18,751 10 0		
On account of Vaccination Department—				
Sale of Vaccine Lymph, &c.		535 12 0		
On account of Fire Brigade Department—				
Hire of Engines.....		242 1 5		
			1,44,971 3 0	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee	1,569 0 0			
Duplicate Bills.....	31 4 0			
Inspection	50 12 0			
Notice	3,976 12 0			
Sundry	106 3 6			
Warrant	74 4 0			
Supplying Copies of Office Records, &c. ...	15 0 0			
		5,823 3 6		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.....	4,325 11 1			
Opening Roads	2,907 0 0			
Scaffoldings	3,529 6 7			
Supplying Copies of Office Records	137 8 0			
Occupying Public Roads	3,082 0 0			
		13,781 9 8		
Through Chief Accountant—				
Registration of Powers of Attorney	9 0 0			
Furnishing Copies of Office Records	17 8 0			
		26 8 0		
Miscellaneous Fees *contd.* and carried over...		19,631 5 2		
Carried over...Rs.			63,97,432 8 7	2,03,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			11,79,641 15 3	
STREETS AND BUILDINGS—*contd.*				
IV. STREETS AND BUILDINGS—				
A. INSPECTION AND SUPERVISION—				
I. Establishment	70,858 6 9			
Less—Overpayment recovered	174 2 11			
		70,684 3 10		
II. Contingencies, Stationery, Printing, &c.	5,568 9 6			
Less—Summons fees recovered.....	116 8 0			
		5,452 1 6		
B. PUBLIC LIGHTING—			76,136 5 4	
I. Gas Lighting—				
a Streets and Bunders, &c.	2,23,957 6 4			
b. Contingencies ..... Rs. 2,823 3 6				
Less—Damages to lamps, &c., recovered..... „ 185 12 6				
	2,637 7 0			
c. Lighting Rajabai Clock Tower	720 0 0			
		2,27,314 13 4		
II. Kerosine Oil Lighting—				
a. Streets ..... Rs. 38,000 14 5				
Less—Sale proceeds of empty kerosine oil cases and recoveries on account of lighting charges ..... „ 2,548 15 8				
	35,451 15 2			
b. Contingencies..... Rs. 1,129 2 11				
Less—Damages to lamps recovered.... „ 83 18 6				
	1,045 5 5			
		36,497 4 7		
C. WATERING ROADS—			2,63 812 1 11	
I. Watering by Bhistees and Carts			72,987 8 2	
D. ROAD REPAIRS—				
I. Road repairs and Maintenance	3,75,041 4 4			
Less—Charged to other heads	21,411 7 6			
		3,53,629 12 10		
II. Paving Footpaths		13,550 6 3		
III. Ground-rent		1,139 2 11		
IV. Water and Halalkhor service to Chowkies at Null Bazar, &c.....		300 0 6		
V. Annual Repairs to Ward Chowkies, &c.		1,038 14 1		
VI. Telephone Connections to Engineer's Bungalow and A Ward Office.....		525 0 0		
			3,70,183 4 7	
E. IMPROVEMENT OF STREETS—				
a Compensation for Land taken up	1,10,693 5 3			
Less—				
Transferred to Executive Engineer's Personal account (advances)	814 7 3			
		1,09,778 14 0		
b Compensation for Buildings, trees, &c.		5,853 15 8		
c Purchase of Street Boards		280 10 8		
d Do. House number plates		626 9 9		
			1,16,540 2 1	
V. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES ROADS			38,642 0 0	
Carried over...Rs.			21,17,943 5 4	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			63,97,432 8 7	2,03,137 15 5
Miscellaneous Fees—*continued* and brought forward .....Rs.		19,631 5 2		
Through Health Officer—				
Digging Graves	2,284 6 0			
Removing Dead Animals	5,855 0 0			
Skinning Dead Animals	3,000 0 0			
Supplying Copies of Office Records.....	471 0 0			
		11,610 6 0		
Through Revenue and Refund Audit Officer—				
Supplying Copies of Town Duty Refund Receipts.....	34 0 0			
Supplying Copies of Office Records, Registering Powers of Attorney, &c.	8 0 0			
		42 0 0		
			31,283 11 2	
MISCELLANEOUS SAVINGS—				
Corporation and Standing Committee's Establishment		2 10 8		
Revenue and Refund Audit Establishment...		1 8 9		
Garden Establishment		354 9 1		
Executive Engineer's Department		7,363 7 0		
Health Department		3,366 14 5		
Halalkhore Branch		796 2 4		
Market Establishment		174 8 8		
Assessor and Collector's Department		6 7 5		
Workshops Establishment		124 10 9		
Municipal Commissioner's Personal Office Establishment		6 6 4		
Fire Brigade Establishment.....		132 11 0		
Water Works do.		86 14 4		
Accounts and Expenditure Audit Establishment		0 3 7		
Joint School Committee's Establishment.....		3 4 7		
			12,420 7 8	
CONTRIBUTION FROM MUNICIPAL SERVANTS TOWARDS PENSION, &c., FUND		19,029 2 11		
Less—Refund of excess recovery.....		65 15 9		
			18,963 3 2	
Carried over...Rs.			64,60,099 14 7	2,03,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			21,17,943 5 4	
NEW WORKS—				
DRAINAGE—				
Tidal Flap at the mouth of the double barrelled masonry drain passing through the Mint compound	971 3 2			
Miscellaneous Drainage Works	3,583 15 9			
Ventilating Shafts on main Sewer.....	1,915 0 6			
Reconstructing a Double-barrelled Sewer in the Mint compound	2,117 3 1			
Erecting four flushing tanks to flush the side drains of Northbrook Garden	822 10 0			
Water gullies in different parts of Bombay...	319 14 11			
Storm-water Drainage arrangements in Marine Lines near B. B. & C. I. Ry. Administrative Offices	2,420 3 1			
Removing, raising and repairing the existing Service Pipes of the Flushing Tanks in the gullies at Kamathipura, Foras Road and Ripon Road	1,115 14 9			
Providing House Drainage Connections to the south and east wings of Girgaum Police Courts	1,461 10 7			
Fixing Mechanical Stokers at Love Grove...	726 5 6			
Constructing the culvert with penstock in the eastern bank of the Storm-water Reservoir on the Flats, &c.	1,673 4 4			
Draining Police Quarters at Mahim	240 3 1			
Constructing a wrought-iron trolly for mounting thereon centrifugal pump	583 5 6			
Purchase of Electrolisers and working the same, &c., at Carnac Bunder	29,796 3 11			
Cleaning Sewers and constructing Manholes in Frere Road Drain	500 0 0			
Cost of the old Boiler-house, the portable Engine-house, the shred-lifter Room, 10-centrifugal Pumps and portable Engine at Love Grove, taken over by the Drainage Department	15,600 0 0			
Barbed Wire fence round the cooling Tank at Love Grove Pumping Station	767 12 3			
		64,509 14 5		
WATER WORKS—				
Quarters for Sub-Inspector and Watchmen, Tansa Lake	1,309 3 9			
Quarters for watchmen and Sluicemen at Bhundarwada Reservoir	105 12 0			
Quarters for watchmen and Sluicemen at Malabar Hill Reservoir	104 8 0			
Extension of shed at Chichpokli stores	2,175 10 7			
Raising 800 feet of 4" pipe line in Moreland Road	596 14 5			
Plastering and pointing the walls at Bhundarwada Reservoir.....	22,066 2 3			
Laying a 2" service main in Pusbhadevi Road.	392 13 1			
Catch-water channels at Vebar	61 15 7			
Extending the pavement around the Jacob Circle Fountain	468 10 11			
		27,281 10 7		
New Works—*contd.* and brought forward ...Rs.		91,791 9 0		
Carried over...Rs.			21,17,943 5 4	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			64,60,099 14 7	2,08,137 15 5
INTEREST AND PROFIT ON INVESTMENTS OF SURPLUS LOAN AND OTHER BALANCES—				
7 Lakhs Sanitary Works Loan Deposit		1,418 0 0		
12 Lakhs Drainage and Water Works Loan Deposit		3,357 7 8		
Rs. 10,08,500 Miscellaneous Works Loan Deposit		10,968 13 5		
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Deposit		748 14 0		
Rs. 26,94,000 Drainage and Water Works Loan Deposit		1,697 12 0		
23½ Lakhs Drainage and Other Works Loan Deposit		9,625 0 0		
15½ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan Deposit	12,928 6 8			
Less—Stamp charges paid.....	0 7 0	12,922 15 8		
Surplus Cash Deposit	93,204 5 7			
Less—Interest, &c., paid at the time of investment and loss by sale of 3½ per cent. Government Paper adjusted	4,329 9 4			
		88,874 12 8		
			1,29,643 11 0	
Carried over...Rs.			66,89,743 9 7	2,08,137 15 5

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			21,17,943 5 4	
New Works—*contd.* and brought forward... Rs.		91,791 9 0		
STREETS AND BUILDINGS—				
Conversion of Gas Lamps into Incandescent Lights	797 3 4			
Construction of Ward Office at Gamdevi	1,145 6 4			
		1,942 9 8		
SANITARY & OTHER MISCELLANEOUS WORKS—				
Extension of the Beef Slaughter House, Bandora	104 0 0			
Latrines and Urinals	4,461 10 1			
Covering the uncoofed passage between the blocks of the Milch cattle stables at Cochin Street.....	435 7 10			
Fixing c. i. Pipes for the observation of sub-soil water, &c.	833 3 0			
Making additions and alterations to the chawl at Dadar	98 0 0			
Constructing bathing places at the old Biggaries chawl, Parlon Road.....	468 1 11			
Observation wells for sub-soil water, Ramatipura.....	14 5 6			
Seven Street Watering Machines to be adopted for gully flushing	5,000 15 7			
Purchase of a Steam Engine for the Workshops	6,988 13 8			
Converting the old Latrine at Golangi Hill to water carriage system, &c.	3,770 8 11			
Construction of Permanent manholes over drains in A, B, C, D, and F Wards	659 11 11			
Wind Pump Mill to raise sub-soil water in Kamatipura	973 9 10			
Paving the passage at the north and west of the Fort Market	662 2 8			
Paving ground under Dust bin carts	1,019 0 5			
Construction of a Night soil Depôt at Bhangy Mohla	453 9 3			
Cost of providing three sets of punkhas in the Council Hall	65 2 5			
Construction of a Night-soil Depot at Haines Road	408 12 0			
Shed for keeping distrained carriages for the Assessment Department.....	24 13 1			
Making improvements to the five chawls occupied by butchers, peons, &c., at Bandora Slaughter Houses.....	9,080 10 4			
Raising a portion of the compound wall of the Infectious Diseases Hospital at Arthur Road	991 9 9			
Putting the cattle Inspector's sheds in proper condition at Bandora	2,770 5 8			
Sanitary and other Miscellaneous Works—*continued* and carried over.....Rs.	38,784 9 10			
New Works—*contd.* and carried over...Rs.		93,734 2 8		
Carried over...Rs.			21,17,943 5 4	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			63,89,743 9 7	2,03,137 15 6
ACTUAL PROFIT on Sale of Stores to Contractors—Profit		7,325 6 8		
Less—Loss		156 12 10		
PROFIT on Municipal Workshops			7,168 9 10	
			1,151 8 4	
			65,98,063 6 7	
INTEREST on the 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments...	79,523 13 0			
Less—Interest, &c., paid at the time of Investments	2,560 2 10	76,963 10 2		
INTEREST on Municipal Buildings Fire Insurance Fund Investment	1,894 11 0			
Less—Interest, &c., paid at the time of investment	38 10 2	1,856 0 10		
INTEREST on the Worn-out Water Mains Renewal Fund Investment	15,828 10 0			
Less—Interest, &c., paid at the time of investment	60 0 4	15,763 9 8		
INTEREST on the Investment of the Net Premia, &c., Fund	15,471 9 8			
Less—Interest, &c., paid at the time of investment	95 2 10	*15,376 6 10		
INTEREST on the School Building Fund Investment	985 2 8			
Less—Interest, &c., paid at the time of investment	7 12 7	977 6 1	1,10,442 1 7	
Carried over... Rs			67,08,505 8 4	2,03,137 15 6

* Includes Rs. 8,863-1-3 received on Water Works portion of the Net Premia, &c., Fund Investment.

(Including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			21,17,943 5 4	
New Works *contd.* and brought forward ...Rs.		93,734 2 8		
Sanitary and other Miscellaneous Works—*continued* and brought forward .....Rs.	38,784 9 10			
Construction of two additional sheds for sheep and goats at Bandora	3,814 6 9			
Filling in the quarry hole near the railway station at Bandora	1,095 15 7			
Cost of land adjoining the Municipal Night-soil Depot at Khetwady required for the use of the Health Department	1,500 0 0			
Removal of the stables and huts occupied and owned by the contractors for the removal of offal and the building of new shed, &c.	409 5 2			
Providing additional windows at Gowalia Tank Fire Brigade station	238 12 7			
		45,843 1 11		
			1,39,577 4 7	
PUBLIC HEALTH DEPARTMENT—				
I. GENERAL SUPERVISION—				
I. Staff .....Rs. 49,137 0 6				
Less—Over-payments recovered ..... „ 851 14 10				
	48,285 1 8			
II. Office Establishment	10,872 8 9			
III. Contingencies, Stationery, Printing, &c.....Rs. 5,384 9 2				
Less—Summons and Warrant Fees recovered from defaulters ..... „ 5 0 0				
	5,379 9 2			
		64,537 3 7		
II. CONSERVANCY BRANCH—				
I. Superintendence and Inspection .....Rs. 58,554 4 6				
Less—Over payment recovered ..... „ 55 0 6				
	58,499 4 0			
II. Labour, including Feed of Cattle—				
(*a*) Scavengering	3,52,963 14 4			
(*b*) Surface Drain Cleaning	1,69,880 6 6			
(*c*) Gully Flushing ...Rs. 801 8 9				
Less—Hire of flushing Engine recovered ..... „ 25 0 0				
	776 8 9			
III. Disposal of Town Sweepings—				
(*a*) Reclamation	19,328 7 4			
(*b*) Incineration	11,853 9 10			
IV. Repairs .....Rs. 28,950 15 1				
Less—Damage to carts, yokes, &c., recovered.. „ 55 1 0				
	28,895 13 7			
V. Stores .....Rs. 32,759 15 6				
Less—Sale proceeds of empty drums of disinfectants, &c.... „ 336 10 4				
	32,423 5 2			
Conservancy Branch—*contd.* & carried over...Rs.	6,74,561 5 6			
Health Department—*contd.* & carried over...Rs.		64,537 3 7		
Carried over...Rs.			22,97,029 9 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward			67,08,505 8 4	2,08,137 15 5
REBATE TO CURRENT REVENUE—				
On Account of Plague Expenses paid from Revenue in 1896-97			4,37,055 0 1	74,45,560 8 5
Carried over...Rs.				78,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			22,57,520 9 11	
Health Department—*continued* and brought forward ..... Rs.		64,537 8 7		
Conservancy Branch—*continued* and brought forward ..... Rs.	6,74,561 5 6			
VI. New Live and Rolling Stock	35,661 2 0			
VII. Rent	24,111 13 5			
VIII. Water-supply	18,073 7 4			
IX. Waterproof Clothing	1,602 0 0			
	7,54,009 12 3			
X. Halalkhore Branch—				
a. Superintendence ... Rs. 18,046 4 7				
Less—Erroneous entry adjusted ..... „ 2,687 10 10				
	15,358 9 9			
b. Labour ..... Rs. 3,05,237 10 6				
Less—Erroneous entry adjusted ..... „ 1,057 9 11				
	3,04,180 0 7			
c. Feed of Bullocks	83,075 9 8			
d. Stores	8,620 9 11			
e. Repairs and Maintenance ..... Rs. 13,052 2 7				
Less—Recovery on account of a yoke broken by a cesspool cart-driver ... „ 5 0 0				
	13,047 2 7			
f. Purchase of Live Stock	5,280 0 0			
g. Rent	4,998 2 8			
h. Lighting Night-soil Depôt and other places	249 13 0			
i. Water-supply	29,503 7 9			
	4,64,313 7 11			
XI.—Removing and re-erecting four sheds of the Sankli Tank Hospital	45 5 8			
		12,18,368 9 10		
III. MARKETS AND SLAUGHTER-HOUSES ESTABLISHMENT—				
I. Superintendence	24,583 15 1			
II. Superintendence at Bandora Slaughter-houses	6,900 15 5			
III. Superintendence, Private Markets	2,997 6 0			
IV. Labour	11,543 15 3			
V. Lighting Markets and Slaughter-houses ..... Rs. 14,486 11 5				
Less—Rent from the Bombay Telephone Co. and Refund of Boiler Inspection Fee ..... „ 20 0 0				
	14,466 11 5			
VI. Meat Carriage	32,933 10 7			
VII. Disposal of Offal	7,665 0 0			
VIII. Stores	1,867 5 8			
IX. Contingencies, Stationery, Printing, &c.	4,596 3 2			
X. Repairs	9,596 8 5			
XI. Rent	5,616 7 10			
XII. Water-supply	27,977 9 1			
		1,50,746 11 6		
Health Dept. *continued* & carried over ..... Rs.		14,33,651 8 11		
Carried over Rs....			22,57,520 9 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.										73,18,698	7	10
Carried over...Rs.										73,18,698	7	10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			22,57,520 9 11	
Health Department—*continued* and brought forward .....Rs.		14,33,651 8 11		
IV. Registration of Births and Deaths—				
I. Office Establishment	4,514 0 0			
II. Registrars	12,488 2 3			
III. Contingencies, Stationery, Printing, &c.	3,494 9 1			
IV. Lighting Sonapur Burning Ground	66 9 8			
		20,513 5 0		
V. Cemeteries—				
I. Establishment	2,257 5 2			
III. Feed of Horses and Contingencies.....	3,603 2 1			
IV. Rent	146 8 7			
V. Stores, &c. ..... Rs. 17,337 14 5				
Less—Recoveries on account of Firewood supplied at Haines Road .... ,, 1,052 8 0				
	16,285 6 5			
VI. Water-supply	303 4 0			
VII. Repairs to Chowkies and Chawls	14 1 4			
		22,609 11 7		
VI. Laboratory		327 7 9		
VII. Mahaluxmi Dhobiwada—				
I. Establishment	855 0 0			
II. Stores and Contingencies	150 1 8			
III. Rent of Government Ground opposite the Dhobiwada	852 14 7			
IV. Repairs	702 9 0			
V. Water-supply	16,625 10 11			
		19,186 4 2		
VIII. Infectious Diseases	58,340 5 6			
Less—Recovered from a party on account of damage to a cart	0 15 6			
		58,339 6 0		
IX. Milch Cattle Stables and Rooms—				
I. Establishment and Labour.....	2,078 15 7			
II. Stores, &c.....	208 5 8			
III. Ground-rent to Collector of Bombay and Port Trust.....	78 7 8			
IV. Repairs	1,189 1 10			
V. Water-supply.....	4,213 4 0			
		7,768 2 9		
X. Tank Conservancy—				
I. Establishment and Labour	4,789 7 6			
II. Stores, &c.	1,200 0 0			
		5,989 7 6		
XI. Rustomji Jamsetji Dharamshalla, Falkland Road—				
I. Establishment	135 0 0			
II. Repairs	7 5 9			
III. Water and Halalkhore Taxes.....	41 14 6			
		184 4 3		
XII. Vaccination(contribution to Government).		17,084 12 7		
XIII. Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease		503 10 2		
XIV. Inspecting Milch Cattle, &c., stables in the city during the prevalence of foot and mouth disease and rinderpest, &c.		474 13 5		
			15,86,632 15 1	
Carried over...Rs.			38,44,153 9 0	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs a. p.
MUNICIPAL FUND—*contd.* and brought forward .....Rs.				73,48,698 7 10
Carried over...Rs.				73,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and Brought forward.....Rs.			38,44,153 0 0	
GENERAL POLICE			5,00,000 0 0	
EDUCATION—				
Primary Education		72,478 0 0		
School for Deaf and Dumb Mutes.....		1,800 0 0		
Veterinary College.....		2,500 0 0		
Technical College		10,000 0 0		
Joint Schools Committee's Establishment.....		5,715 1 11		
Victoria and Albert Museum		10,130 8 9		
			1,02,623 10 8	
HOSPITALS, &c.—				
Gokaldas Tejpal Hospital—				
Contribution for 1897-98	36,000 0 0			
Less—Unexpended Balance of the Municipal Contribution for 1896-97 refunded by Government.....Rs. 8,554 13 0				
Deduct—Pay of Nurses...Rs.941 6 10				
Cost of Uniforms to Nurses ..... „ 40 0 0				
„ 981 6 10	2,573 6 2	83,426 9 10		
Contribution to Jaffer Sulleman Dispensary...		3,000 0 0		
Homeless Leper Asylum at Matunga.....		17,806 14 4		
			54,238 8 2	
PENSIONS, &c.—				
Pensions		43,099 8 1		
Compassionate Allowances to widows and children of Municipal Officers and Servants ...		26,996 8 6		
			70,096 0 7	
MISCELLANEOUS—				
Discretional Contingencies	5,792 9 3			
Less—Charged to other heads	106 4 0			
		5,686 5 3		
Auditors' Allowance		10,000 0 0		
Election Expenses		9,350 5 7		
Grain Compensation to Peons, &c.....	82,083 1 7			
Less—Overpayments recovered	53 13 3			
		82,029 4 4		
Cost of illuminating and enclosing an address to Her Imperial Majesty the Queen Empress on the occasion of Diamond Jubilee...		5,000 0 0		
Workshops rent and Telephone charges for 1895-96 and 1896-97.....		8,646 11 4		
			1,20,712 10 6	
Carried over...Rs.			46,91,819 6 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.										73,48,608	7	10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			46,91,819 6 11	
INTEREST ON LOANS—				
Vehar Water Works Debt		1,01,445 13 4		
Drainage Loan of 1878		1,08,475 0 0		
44 Lakhs Sanitary Works Loan of 1885-86 ...		1,92,937 8 0		
7 Lakhs Sanitary Works Loan of 1888		35,450 0 0		
Tansa Water Works Loan of 147 lakhs		7,56,475 0 0		
Drainage and Water Works Loan of 12 lakhs of 1888.....		67,925 0 0		
Loan of Rs. 10,68,500 for Miscellaneous Works.....		47,462 8 0		
Agripada House Sullage Water Connections Loan of Rs. 2,48,000		12,425 0 0		
Loan of 35 Lakhs for Various Sanitary Works.....		1,67,325 0 0		
Municipal Building Loan of 8 lakhs		40 000 0 0		
4½ Lakhs Loan for Fire Brigade Quarters and Stations		18,521 12 0		
Loan of 42 lakhs for repayment of balance of Government Consolidated Loan		1,75,870 0 0		
23¾ Lakhs Loan for Drainage, Water Works, Roads and Other Works.....		99,718 13 6		
15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works.....		87,934 13 2		
		18,61,466 4 6		
Less—Shown under Fire Brigade		18,521 12 0		
			18,42,944 8 0*	
CHARGES ON ACCOUNT OF LOANS—				
Advertising Payment of Government Loan Instalments		11 0 0		
Commission to Bank of Bombay for payment of Interest.....		14,208 13 0		
Public Loan Contingencies		88 2 8		
			14,307 15 8	65,49,071 14 7
PLAGUE EXPENSES—				
Plague charges incurred on account of the Plague Committee				5,00,000 0 0
				70,49,071 14 7
RENEWING 8" MAIN IN WORLI ROAD (PORTION OF COST CHARGEABLE TO CURRENT REVENUE PAID FROM THE WORN OUT MAINS RENEWAL FUND).....				† 22,729 8 9
PREMIA ON MUNICIPAL LOANS SINKING FUND INVESTMENT—Paid out of the Premia, &c, Fund. STAMP, &C., CHARGES ON DEBENTURES ISSUED TO THE BANK OF BOMBAY IN RESPECT OF 20 LAKHS TEMPORARY LOAN—paid out of the Premia, &c. Fund			9,245 10 0‡	
			6,006 1 6	
				15,251 11 6
LOAN WORKS—				70,87,952 13 10
DRAINAGE—				
Executed out of the Rs. 26,94,000 Drainage Loan of 1878—				
Pipe Sewers.....		3,761 4 3		
Executed out of the 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs)—				
House Connections without Privy Fittings (1st Drainage Section)	77,305 1 11			
Less—Charged to other heads.....	1,085 15 8			
		76,219 2 3		
Loan Works (Drainage)—*continued* and carried over ..... Rs.		79,980 6 6		
Carried over...Rs.				70,87,952 13 10

* Includes Rs. 11,68,806-5-9 chargeable to Water Works Account.

† This amount, together with the repayment of debt and sinking fund investment, aggregating Rs. 4,11,416-12-10 as shown at page 203, makes up the total expenditure of Rs. 71,60,429 11-5 as per Statement C on page 82.

‡ Of this amount Rs. 4,194-2-7 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				73,48,698 7 10
LOAN WORKS—				
DRAINAGE—				
Executed out of the Loan of 23¾ Lakhs—				
Pumps and steam engines required for the working of the Love Grove Pumping Station			15,600 0 0	
Loan Works—*contd.* and carried over ... R.			15,600 0 0	
Carried over... R.				73,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				70,87,052 13 10
Loan Works (Drainage)—*continued* and brought forward ..... Rs.		79,780 6 6		
Executed out of the 12 Lakhs Drainage and Water Works Loan—				
Queen's Road House Connections		174 9 9		
Executed out of the Loan of 23¼ Lakhs—				
Sewerage of Colaba ..... Rs. 3,848 10 2				
Less—Charged to other heads ..... „ 1,698 14 5				
	2,149 11 9			
Sewerage of Umarkhadi District ..... Rs. 57,139 8 9				
Less—Sale proceeds of empty cement casks, &c. ..... „ 430 6 11				
	56,709 1 10			
		58,858 13 7		
Executed out of Rs. 15,75,000 Loan—				
Sewerage of the Mazagon District on the Gravitation System	20,147 8 11			
Sewerage of Malabar and Cumballa Hill Districts on Gravitation System	8,159 2 6			
Sewerage of Fergusson Road and Chinchpokli District on Gravitation System, including pipe sewers in Fergusson and Bapty Roads ..... Rs. 61,767 14 7				
Less—Transferred to other heads ..... „ 121 4 2				
	61,646 10 5			
Sewerage of old Race Course District on Gravitation System	37,492 9 11			
		1,27,445 10 9		
Executed out of the Loan of Rs. 25 lakhs for Sewerage, Water and other Sanitary Works—				
Machinery for the Sewerage of the Parel, the Mazagon, &c., Sectional District ..... Rs. 1,02,404 3 11				
Less—Sale proceeds of Tender forms... „ 10 0 0				
	1,02,394 3 11			
Mazagon District—Sectional	3,718 2 0			
Storm-water Drain from Wellington Fountain *via* Bandstand to the Sea ... Rs. 33,714 13 1				
Less—Sale proceeds of tender forms ..... „ 25 0 0				
	33,689 13 1			
		1,39,202 3 0		
Executed out of 19¼ lakhs Loan—				
Improvements in existing road side drains along Bhoiwada Cross Road and new side drains along portion of Dadur Road, &c...		122 12 0		
Loan Works—*contd.* and carried over... Rs.		4,05,584 7 7		
Carried over ... Rs.				70,87,052 13 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				73,48,698 7 10
Loan Works—*contd.* and brought forward ...Rs.			15,600 0 0	
Loan Works—*contd.* and carried over.....Rs			15,600 0 0	
Carried over...Rs				73,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				70,87,052 13 10
Loan Works—*contd.* and brought forward...Rs.		4,05,581 7 7		
Executed out of savings on different Loans—				
Sewerage of Parel on Gravitation System.	3,953 4 2			
Laying 9" Pipe for the carriage of storm-water to the sea from the eastern half of the Wodehouse Road	1,280 11 6			
Altering and ovoiding storm-water drain in Girgaum	10,661 3 9			
Storm-water drain with masonry drain in Khetwadi .....Rs. 45,176 13 4				
Less—Sale proceeds of old ladis, &c..... „ 560 0 0				
	44,616 13 4			
Masonry drain from Girgaum Road and passing through night-soil depôt and across Mathew Road .....Rs. 9,595 1 11				
Less—Sale proceeds of tender forms ..... „ 20 0 0				
	9,575 1 11			
Draining the storm-water from public roads round Mahaluxmi Dhobiwada.....	708 14 11			
Opening out the existing public water-course behind Mr. Cama's property, Parel Road, and constructing a covered drain	3,362 6 7			
Laying a 12" pipe sewer from the emergent Reservoir to the manhole in Apollo St....	3,169 7 8			
Storm-water drains in different places	14,245 12 2			
Converting the old Engine House at Love Grove into an Office and Godown and constructing a shred-lifting chamber ...	293 15 7			
Ovoiding side drains in 1st Pathan Street..	4,398 12 3			
		96,266 7 9		
Advanced from Surplus Balances—				
Establishment for the scheme for facilitating escape of flood-water (both surface and sub-soil).....		1,084 1 8		
			5,02,935 1 0	
WATER WORKS—				
Executed out of the Tansa Water Works Loan of 147 lakhs—				
Tansa Water Works		781 15 2		
Executed out of the Loan of 23¼ lakhs—				
Covering Storage Basin at the Bhandarwada Reservoir and constructing Filters over it ..... Rs. 5,377 3 0				
Less—Value of materials sold to the contractors.. „ 9 14 9				
	5,367 4 3			
Further alterations and improvements at the Malabar Hill Reservoir	7,809 7 11			
		13,176 12 2		
Executed out of the Rs. 15,75,000 Loan—				
Improvement of the Outlet Towers at Vehar and Tulsi		4 14 0		
Executed out of the 25 lakhs Loan for Sewerage, Water and Sanitary Works—				
New mains in Reay and Kalachowki Roads and other places		157 10 11		
Loan Works—*contd* and carried over ...Rs.		14,121 4 3	5,02,935 1 0	
Carried over...Rs.				70,87,052 13 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				73,18,698 7 10
Loan Works—*contd.* and brought forward ...Rs.			15,600 0 0	
ROADS—				
Executed out of the 35 lakhs Various Sanitary Works Loan—				
Roads and streets in Agripada and elsewhere—sale proceeds of frontage land.....			2,810 12 9	
Loan Works—*contd.* and carried over .....Rs.			44,410 12 9	
Carried over...Rs.				73,18,698 7 10

including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				70,87,052 13 10
Loan Works—*contd.* and brought forward ... Rs.		14,121 4 3	5,02,935 1 0	
Executed out of savings on different Loans—				
Residence for Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 Sluicemen	15,317 11 0			
New mains in various places	25,206 15 0			
Excess cost (chargeable to capital) of renewing Worli Road main with 9" pipes in place of the existing 3"	18,596 10 8			
		59,121 4 8		
ROADS—			73,242 8 11	
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—				
Road through Nowroji Hill from Elphinstone Bridge to Dongree Street	9,996 14 0			
Less—Sale proceeds of building materials, &c.	105 4 0			
		9,891 10 0		
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Roads and Streets in Agripada and elsewhere	4,767 3 0			
Less—Sale proceeds of building materials, &c.	390 15 3			
		4,376 3 9		
Executed out of the 23¼ Lakhs Loan—				
Falkland Road Bridge	5,466 3 1			
Wari Bunder Bridge	277 10 6			
		5,743 13 7		
Executed out of Rs. 15,75,000 Loan—				
Wari Bunder Road	97,411 12 9			
Less—Sale proceeds of materials, &c.	3,212 7 2			
		94,199 5 7		
Executed out of savings on different Loans—				
Providing and fixing new pattern hydrants for road watering & Fire Brig. purposes..		27,764 12 8		
Advanced from Surplus Balances—				
Diversion of Arthur Road over the Masonry culvert	86 8 0			
Land for approach road to the overbridge at Curry Road	7,388 3 10			
		7,474 11 10		
			1,49,450 9 5	
MARKETS—				
Executed out of the 35 Lakhs Various Sanitary Works Loan—				
Bhuleshwar Market Extension		41,803 14 0		
Executed out of Savings on different Loans—				
Market at Curry Road		112 8 0		
			41,916 6 0	
Fire Brigade Loan of Rs. 4½ lakhs—				
Land and buildings for the Fire Brigade...		21,207 11 8		
Less—Sale proceeds of building materials, &c.		311 0 0		
			20,896 11 8	
MISCELLANEOUS WORKS—				
Executed out of Rs. 15,75,000 Loan—				
Burial Ground for Mahomedans and Beni-Israels	38,781 0 1			
Less—Transferred to other heads	341 2 1			
		38,439 14 11		
Loan Works—*Continued* and carried over... Rs.		38,439 14 11	7,88,441 5 0	
Carried over... Rs				70,87,052 13 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS &c. ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				73,48,698 7 10
Loan Works—contd. and brought forward...Rs.		14,410 12 9		
Plague Charges payable out of Loan Funds written off by debit to Income and expenditure Account.....		17,62,838 11 7	18,07,249 8 4	
DEBT—				
Temporary Loan of Rs. 20 Lakhs for plague expenses—(1st and 2nd instalments of Rs. 6 Lakhs each).....		12,00,000 0 0		
Temporary Loan of Rs. 15 Lakhs (part of the 26 Lakhs Loan).....		15,00,000 0 0	27,00,000 0 0	
Carried over...Rs.			45,07,249 8 4	73,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				70,87,052 13 10
Loan Works—*contd.* and brought forward ...Rs.		38,439 14 11	7,88,441 5 0	
Executed out of the 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—				
Disposal of Town Sweepings at Chimbur...	2,48,946 1 0			
Purchase of land at Mount Road from Mr. Ashburner for extension of Burial ground for Mahomedans Rs. 1,21,796 0 6				
Less—Sale proceeds of building materials,&c. „ 4,750 0 0				
	1,17,046 0 6			
Purchase of land in Narialwadi for further extension of Burial ground thereat	74 12 0			
		3,66,066 13 6		
Executed out of savings on different Loans—				
Latrines at Colaba...		1,732 10 8		
Advanced from Surplus Balances—				
Health Dept. Biggaries Chawl at Bori Br.		83 13 11		
			4,06,323 5 0	
			11,94,764 10 0	
PLAGUE CHARGES (exclusive of Rs. 5 Lakhs paid from current revenue as shown at page 92)			17,62,838 11 7	29,57,603 5 7
				* 1,00,44,656 3 5
INCOME & EXPENDITURE ACCOUNT—				
Plague Charges payable out of Loan Funds written off as they do not represent any actual asset				¶ 17,62,838 11 7
DEBT—				
REPAYMENT—				
Vehar Water Works Debt..... ...		12,530 2 8		
Drainage Loan of 1878		58,000 0 0		
		70,530 2 8		
Investments of Sinking Fund and Interest accrued thereon—				
On account of 5 per cent., 4 per cent. and 3½ per cent. Municipal Loans—				
In 5 per cent. and 4 per cent. Municipal Bonds and 4 per cent. Port Trust Bonds and 3½ per cent. Government Paper deposited at the Bank of Bombay.....	3,40,729 8 0			
Cash deposited at the Bank of Bombay..... ...	80,604 0 0			
	4,21,333 8 0			
Less—Amount withdrawn from the Bank to replace value of debentures issued (including sub-division and deposit fees).....	80,444 8 10			
		†3,40,888 10 2	‡4,11,418 12 10	
Carried over...Rs.			4,11,418 12 10	1,18,07,494 15 0

*		Rs.	1,00,44,656 3 5
Less—Credits on account of different Loan Works—*vide* pages 196 and 200.....		„	44,410 12 9
		Rs.	1,00,00,245 6 8
Less—Premia on Municipal Loans Sinking Fund Investment (paid out of Invested Fund—*vide* page 195	Rs. 9,245 10 0		
Stamp, &c., charges on debentures issued for the temporary Plague Loan (paid out of the Premia Fund)—*vide* page 195	„ 6,006 1 6		
	Rs. 15,251 11 6		
Cost of renewing 3″ main in Worli Road (chargeable to current revenue paid out of the worn-out mains Renewal Fund)—*vide* page 195	„ 22,729 8 9	„	37,980 15 3
		Rs.	99,62,264 7 5
Add—Repayment of Debt and Sinking Fund (shown above)	Rs. 4,11,418 12 10		
Investment of the Municipal Buildings Fire Insurance, Worn-out Water Mains Renewal, Nat Premia, &c., and School Building Funds (page 209)	„ 36,478 7 5	„	4,47,897 4 3
Total expenditure as per statement B (page 12) ..		Rs.	1,04,10,161 11 8

† For details, *vide* page 136.
‡ Of this, Rs. 1,53,340-12-5 are chargeable to Water Works Account.
¶ This has been temporarily written off pending a valuation of any properties that may remain after Plague operations cease.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			45,07,249 8 4	73,48,698 7 10
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	376 8 5			
Chief Accountant	9,147 2 1			
Chief of the Fire Brigade	200 0 0			
Engineer, Drainage	16,662 9 0			
Do. Water	267 15 11			
Executive Engineer (General)	65,108 15 6			
Health Officer	4,129 10 3			
Municipal Commissioner	21,050 14 8			
Superintendent of Licenses	1,145 11 0			
Do. of Markets	267 0 6			
Do. of Victoria Gardens	567 8 0			
		1,19,763 14 10		
Chairman, Plague Committee		9,46,894 7 3		
		10,66,658 6 1		
Workshops (Private & Departmental Works)	1,88,311 6 0			
Engineer's Dept. (Departmental Works)	1,27,316 1 8			
Do. (Private Works)	73,156 1 7			
		3,38,783 9 3		
Water Connection Application Forms (Water Works Department)	348 8 0			
Building Certificate Forms (Building Dept).	281 0 0			
Do. Repair Forms (do.)	300 8 0			
		930 0 0		
PERSONAL ACCOUNT OF MUNICIPAL CONTRACTORS—				
Littlewood and Pallonji		300 0 0		
		14,06,671 15 4		
RESERVE STOCK—				
Engineer, Drainage	1,32,942 5 9			
Do. Executive	26,283 10 3			
Do. Water	93,097 5 11			
General Stock	1,59,451 13 11			
		4,11,775 3 10		
DEPOSITS, &c.—			18,18,447 3 2	
BANK OF BOMBAY				
Contractors', &c., Govt., &c., Paper Deposit		44,300 0 0		
Surplus Cash—				
Government, &c., Paper Deposit	20,27,750 0 0			
Cash Deposit	18,86,010 4 10			
Current Accounts with—				
The Hongkong and Shanghai Banking Corporation ..... Rs.	1,00,500 0 0			
The Comptoir National d' Escompte de Paris ..... „	1,00,500 0 0			
The Chartered Bank of India, Australia and China ..... „	99,000 0 0			
	3,00,000 0 0			
Deposits, &c.—*continued* and carried over... Rs.	42,13,760 4 10	44,300 0 0		
Carried over... Rs.			63,25,696 11 6	73,48,698 7 10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			4,11,418 12 10	1,18,07,494 15 0
ADVANCES—				
PERSONAL ACCOUNTS OF MUNICIPAL OFFICERS, &c.—				
Assessor and Collector	356 8 5			
Chief Accountant	9,447 2 1			
Engineer, Drainage	947 9 10			
Do. Water	2,966 7 3			
Executive Engineer (General)	25,455 7 3			
Health Officer	4,528 13 5			
Municipal Commissioner	20,078 8 0			
Superintendent of Licenses	1,456 6 5			
Do. of Markets	767 0 0			
Do. of Victoria Gardens	67 8 0			
		66,071 6 8		
Chairman, Plague Committee		10,99,000 0 0		
		11,65,071 6 8		
Workshops (Private and Departmental Works)	1,31,217 11 10			
Engineer's Department (Departmental Works)	1,28,985 0 3			
Do. do. (Private Works)	1,38,111 4 8			
		3,98,314 0 9		
Water Connection Application Forms (Water Works Department)	378 8 0			
Building Certificate Forms (Building Dept.)	249 8 0			
Do. Repair Forms (do.)	250 0 0			
		878 0 0		
		15,64,263 7 5		
RESERVE STOCK—				
Engineer, Drainage	1,44,148 12 11			
Do. Executive	39,839 7 4			
Do. Water Works	71,137 10 10			
General Stock	1,58,395 4 0			
		4,13,521 8 1		
			19,77,784 10 6	
DEPOSITS, &c.—				
BANK OF BOMBAY, &c.—				
Contractors' Govt., &c., Paper Deposit		1,31,600 0 0		
Surplus Cash—				
Government, &c., Paper Deposit	4,84,000 0 0			
Cash Deposit	18,86,010 4 10			
Current Accounts with—				
The Hongkong and Shanghai Banking Corpn....Rs. 1,00,349 2 6				
Comptoir National d'Escompte de Paris..... „ 1,00,362 14 2				
The Chartered Bank of India, Australia and China..... „ 1,00,127 15 0				
	3,00,839 15 8			
Deposits, &c.—*contd.* and carried over...Rs.	26,70,850 4 6	1,31,600 0 0		
Carried over...Rs.			23,89,203 7 4	1,18,07,494 15 0

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
MUNICIPAL FUND—*continued* and brought forward .....Rs. 4							63,25,696	11	6	73,48,698	7	10
Deposits, &c.—contd. and brought forward...Rs.	42,13,760	4	10	44,300	0	0						
Fixed Deposits with—												
The National Bank of India .....Rs. 3,00,000 0 0												
The Credit Lyonnais..... „ 1,50,000 0 0												
The Comptoir National d'Escompte de Paris... „ 1,50,000 0 0												
The Bank of Bombay ... „ 3,56,925 0 0												
The Chartered Bank of India, Australia & China. „ 1,00,000 0 0												
The Bank of Bombay ... „ 6,00,000 0 0												
	16,56,925	0	0									
BANK OF BOMBAY—				58,70,685	4	10						
Rs. 26,94,000, Drainage and Water Works Loan—												
Muni. Debentures Deposit.Rs. 34,000 0 0												
Cash Deposit ..... „ 35,697 12 0												
	69,697	12	0									
7 Lakhs Sanitary Works Loan—												
Muni. Debentures Deposit,Rs. 29,000 0 0												
Cash Deposit ..... „ 30,448 0 0												
	59,448	0	0									
12 Lakhs Drainage and Water Works Loan—												
Govt. Paper Deposit.....Rs. 1,04,606 4 0												
Cash Deposit ..... „ 1,07,963 11 8												
	2,12,569	15	8									
Miscellaneous Works Loan (Rs. 10,08,500)—												
Govt., &c., Paper Deposit. Rs. 2,69,625 0 0												
Cash Deposit ..... „ 2,80,593 13 5												
	5,50,218	13	5									
Rs. 2,48,000 Agripada House Sullage Water Connections Loan—												
Muni. Debentures Deposit.Rs. 15,000 0 0												
Cash Deposit ..... „ 15,748 14 0												
	30,748	14	0									
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan—												
Govt. Paper deposit ..... Rs. 7,00,750 0 0												
Cash deposit..... „ 2,06,391 7 10												
	9,07,141	7	10									
23¾ Lakhs Drainage and other Works Loan—												
Cash Deposit..... .....Rs. 4,07,000 0 0												
Fixed Deposits with—												
The Comptoir National d'Escompte de Paris... „ 1,00,000 0 0												
The Chartered Bank of India, Australia and China ..... „ 1,50,000 0 0												
The Hongkong & Shanghai Banking Corporation „ 1,50,000 0 0												
	8,07,000	0	0									
Municipal Buildings Fire Insurance Fund—				26,86,824	14	11						
Cash Deposit	1,105	8	2									
Worn-out Water Mains Renewal Fund—												
Cash Deposit (To meet cost of renewing Worli Road Main) .....Rs. 15,456 4 4												
Muni. Debentures Dept.Rs. 22,500 0 0												
Cash Deposit „ 229 8 9												
„ 22,729 8 9												
	38,185	8	1									
Deposits, &c.—*continued* and carried over...Rs.	39,291	0	8	35,51,810	8	9						
Carried over...Rs.							63,25,696	11	6	73,48,698	7	10

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			23,89,203 7 4	1,18,07,494 15 0
Deposits—*continued* and brought forward ...Rs.	26,70,850 4 6	1,31,600 0 0		
FIXED DEPOSITS WITH—				
The National Bank of India ..... Rs. 7,00,000 0 0				
The Credit Lyonnais ..... „ 1,50,000 0 0				
The Comptoir National d'Escompte de Paris ... „ 1,50,000 0 0				
The Bank of Bombay ... „ 3,53,925 0 0				
The Chartered Bank of India, Australia and China ..... „ 1,00,000 0 0				
The Bank of Bengal ..... „ 6,00,000 0 0				
	20,56,925 0 0	47,27,775 4 6		
BANK OF BOMBAY—				
Rs. 26,94,000 Drainage and Water Works Loan Cash Deposit	35,697 12 0			
7 Lakhs Sanitary Works Loan Cash Deposit	30,448 0 0			
12 Lakhs Drainage and Water Works Loan Cash Deposit	1,07,963 11 8			
Miscellaneous Works (Rs. 10,08,500) Loan Cash Deposit	2,80,593 13 5			
Rs. 2,48,000 Agripada House Sullage Water Connections Loan Cash Deposit	15,748 14 0			
15¾ lakhs Sewerage, Wari Bunder, &c., Roads, Burial ground and certain Water Works Loan Cash Deposit	2,06,391 7 10			
23¼ Lakhs Loan for Drainage and other Works Loan Cash Deposit	4,07,000 0 0			
		10,83,843 10 11		
Bank of Bombay on account of 5 per cent. Municipal Debentures belonging to different Loan Funds, pledged as security against a Loan of Rs. 15 lakhs taken up from the Bank		15,00,000 0 0		
Municipal Buildings Fire Insurance Fund—				
Municipal Debentures, &c., Deposit ..... Rs. 4,066 14 0				
Cash Deposit ..... „ 1,394 11 0				
	(a) 5,461 9 0			
Worn-out Water Mains Renewal Fund—				
Municipal Debentures, &c., Deposit ..... Rs. 15,396 4 0				
Cash Deposit..... „ 15,828 10 0				
	(b)31,224 14 0			
Deposits—*contd.* and carried over .....Rs.	86,686 7 0	74,43,218 15 5		
Carried over...Rs.			23,89,203 7 4	1,18,07,494 15 0

(a) and (b) *Vide* footnote at the end of page 209.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.			63,25,696 11 6	73,18,698 7 10
Deposits, &c.—*continued* and brought forward Rs.	39,291 0 3	85,51,810 3 9		
BANK OF BOMBAY—*continued*.				
Net Premia, &c., Fund—				
Cash Deposit .....Rs. 13,180 9 6				
To meet premia on Investment of Sinking Fund, &c.—				
Munl. Debentures Deposit ...Rs. 12,123 8 8 Cash Deposit „ 3,128 2 10 „ 15,251 11 6	28,432 5 0			
School Building Fund—				
Govt. Paper Deposit .....Rs. 692 11 4 Cash ..... „ 2,134 4 7	2,826 15 11			
		70,550 5 2		
		86,22,360 8 11		
Deposits from Contractors, &c.—				
In Cash	3,05,258 9 3			
From Contractors, &c. (Govt. Paper kept in Office) ...	33,000 0 0			
Do. do. (Govt., &c., Paper lodged at the Bank of Bombay)...	1,31,600 0 0			
	4,69,858 9 3			
Govt. of Bombay on account of Income Tax—				
Through Chief Accountant—				
On Establishments ..... Rs. 19,248 0 1				
On Wheel Tax ..... „ 8,591 0 0	27,839 0 1			
		4,97,697 9 4		
			91,20,058 2 8	1,54,45,754 13 9
			Total...Rs.	2,27,94,453 5 7

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1898—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.			23,89,203 7 4	1,18,07,494 15 0
Deposits—*contd.* and brought forward .....Rs.	36,686 7 0	74,43,218 15 5		
BANK OF BOMBAY—*continued.*				
Net Premia, &c., Fund—				
Municipal Debentures, &c., Deposit .... Rs. 12,461 14 0				
Cash Deposit..... „ 16,095 2 4				
	(c)28,557 0 4			
School Building Fund—				
Govt. Paper Deposit ..... Rs. 2,126 8 0				
Cash Deposit ..... „ 1,677 14 0				
	(d) 3,804 6 0	69,047 13 4		
		75,12,266 12 9		
Deposits from Contractors and others (in Cash)	3,50,040 14 8			
Deposits on account of works performed for private parties	484 3 0			
Deposits from Contractors,&c. (in Govt. Paper kept in Office)...	31,200 0 0			
Do. do. do. (in Govt. Paper lodged at the Bank of Bombay).....	44,300 0 0			
	4,26,025 1 8			
Govt. of Bombay on account of Income Tax— Through Chief Accountant--				
On Establishments .... Rs. 19,234 3 0				
On Wheel Tax ..... „ 8,871 0 0				
	28,105 3 0	4,54,130 4 8		
			79,66,397 1 5	
				1,08,55,660 8 9
				2,21,63,095 7 9
Cash Balance (in Bank and Office Treasuries) on 31st March 1898 ..				6,31,357 13 10
			Total ..Rs.	2,27,94,453 5 7

	Rs. a. p.	Rs. a. p.
(a)	5,461 9 0	
Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account or of Port Trust Debentures bought from the market (including the arrears of interest due thereon)—*vide* page 206	1,105 8 2	4,356 0 10
(b)	31,224 14 0	
Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account or of Port Trust Debentures bought from the market (including the arrears of interest due thereon) —*vide* page 206	15,456 4 4	15,768 9 8
(c)	28,557 0 4	
Less—Amount withdrawn from the Bank to replace the value of Debentures issued from the Surplus Cash Deposit Account or of Port Trust Bonds bought from the market (including the arrears of interest due thereon) —*vide* page 208	13,180 9 6	15,376 6 10
(d)	3,804 6 0	
Less—Amount withdrawn from the Bank to replace the value of Government Paper issued from the Surplus Cash Deposit Account or purchased from the market (including the arrears of interest due thereon), *vide* page 208	2,826 15 11	977 6 1
Total invested amount as shown at page 93 ..Rs.		36,178 7 5

W. L. HARVEY,
Acting Municipal Commissioner.

No. 4.

MUNICIPAL FUND.

Schedule of Liabilities on 31st March 1898.

LIABILITIES.			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Government of Bombay on account of Vehar Debt				45,21,943 7 9		
Less—Paid in years prior to 1886-87			15,07,704 4 11			
Do. 1886-87			55,812 1 5			
Do. 1887-88			59,583 14 9			
Do. 1888-89			60,352 7 3			
Do. 1889-90			62,783 6 2			
Do. 1890-91			65,341 4 5			
Do. 1891-92			67,986 2 5			
Do. 1892-93		Rs. 70,798 10 10				
Deduct—Difference between the amount paid towards the reduction of the Debt from January to March 1893 at the larger rate of instalment and the amount actually due from January 1893 to March 1894 at the reduced rate, refunded by Government in 1893-94		„ 3,092 5 7				
			67,706 5 3			
Paid in 1894-95			9,533 2 0			
Do. 1895-96			11,549 3 4			
Do. 1896-97			12,063 4 5			
Do. 1897-98			12,530 2 8			
				19,92,945 11 0		
					25,28,997 12 9	
5 per cent. Drainage Loan of 1878 (Rs. 26,94,000)				27,00,000 0 0		25,28,997 12 9
Deduct—Bonds not issued				6,000 0 0		
				26,94,000 0 0		
Less—Paid in 1880			22,000 0 0			
Do. 1881			23,500 0 0			
Do. 1882			24,500 0 0			
Do. 1st quarter of 1883			26,000 0 0			
Do. 1883-84			27,000 0 0			
Do. 1884-85			28,500 0 0			
Do. 1885-86			30,000 0 0			
Do. 1886-87			31,000 0 0			
Do. 1887-88			25,500 0 0			

Do.	1888-89			42,500	0	0			
Do.	1889-90			35,500	0	0			
Do.	1890-91			34,000	0	0			
Do.	1891-92			36,500	0	0			
Do.	1892-93			48,000	0	0			
Do.	1893-94			45,500	0	0			
Do.	1894-95			34,000	0	0			
Do.	1895-96			60,500	0	0			
Do.	1896-97			40,500	0	0			
Do.	1897-98			58,000	0	0			
							6,73,000	0	0
									20,21,000 0 0
5 per cent. 44 Lakhs Sanitary Works Loan of 1885-86							44,00,000	0	0
Less—Paid in 1886-87				7,000	0	0			
Do.	1887-88			4,43,000	0	0			
Do.	1890-91			51,000	0	0			
Do.	1895-96			1,60,000	0	0			
							6,61,000	0	0
									37,39,000 0 0
5 per cent. 7 Lakhs Sanitary Works Loan of 1888									7,00,000 0 0
Do. 12 Lakhs Drainage and Water Works Loan—									
Instalment raised in 1887-88				6,00,000	0	0			
Do.	do.	1888-89		6,00,000	0	0			
							12,00,000	0	0
Add—Net Premium received in 1888-89							26,887	8	0
							12,26,887	8	0
Less—Premium transferred to current revenue as per Municipal Corporation's Resolution No. 9222, dated 11th December 1893							26,887	8	0
5 per cent. Miscellaneous Works Loan of Rs. 10,08,500—									
Instalment raised in 1888-89 (Rs. 2,22,000 + Rs. 1,48,500)				3,70,500	0	0			12,00,000 0 0
Do.	1889-90			6,38,000	0	0			
							10,08,500	0	0
Add—Net Premium received in 1888-89				13,282	4	6			
Do.	do.	1889-90		40,616	14	0			
							53,849	2	6
							10,62,349	2	6
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893							53,849	2	6
									10,08,500 0 0
Carried over ... Rs.									86,68,500 0 0 25,28,997 12 9

MUNICIPAL FUND—Schedule of Liabilities on 31st March 1898—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward.....Rs			26,68,500 0 0	25,28,997 12 9
5 per cent. Agripada House Sullage Water Connections Loan of Rs. 2,48,000—				
Instalment raised in 1889-90	94,000 0 0			
Balance raised in 1890-91	1,54,000 0 0			
		2,48,000 0 0		
Add—Net Premium received in 1890-91		4,722 8 0		
		2,52,722 8 0		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893		4,722 8 0		
			2,48,000 0 0	
5 per cent. 35 Lakhs Various Sanitary Works Loan—				
Raised in 1890-91	34,47,000 0 0			
Balance raised in 1891-92	53,000 0 0			
		35,00,000 0 0		
Add—Net Premium received in 1890-91	81,252 5 2			
Less—Stamp, &c., charges paid on the bonds for Rs. 53,000 issued in 1891-92	283 1 0			
		80,969 4 2		
		35,80,969 4 2		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above		80,969 4 2		
			35,00,000 0 0	
5 per cent. Tansa Water Works Loan of Rs. 147 Lakhs—				
Instalment raised in 1886-87	17,00,000 0 0			
Do. 1887-88	30,00,000 0 0			
Do. 1888-89	25,00,000 0 0			
Do. 1889-90	25,00,000 0 0			
Do. 1890-91	25,00,000 0 0			
Do. 1891-92	25,00,000 0 0			
		1,47,00,000 0 0		
Add—Net Premium received on the instalment raised in 1888-89	1,47,540 12 0			
Do. do. do. 1889-90	74,724 15 4			
Do. do. do. 1890-91	34,140 5 8			
	2,56,406 1 0			

Deduct—Stamp, &c., charges paid on the bonds of the last instalment of Rs. 25 Lakhs issued in 1891-92	12,506 0 0				
		2,43,839 10 6			
		1,49,43,839 10 6			
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above		2,43,839 10 6			
			1,47,00,000 0 0		
5 per cent. Municipal Building Loan of 8 Lakhs issued in 1891-92			8,00,000 0 0		
4 per cent. Loan of 4½ Lakhs for Fire Brigade Quarters and Stations—					
Issued in 1892-93		2,50,000 0 0			
Raised in 1893-94		2,00,000 0 0			
			4,50,000 0 0		
4 per cent. Loan of 42 Lakhs for repayment of balance of the 4½ per cent. Government Consolidated Loan—Raised in 1893-94			42,00,000 0 0		
4 per cent. Loan of 23¼ Lakhs for the construction of Drainage, Water Works, Roads and other works—					
Raised in 1893-94		13,00,000 0 0			
Do. in 1895-96		10,25,000 0 0			
			23,25,000 0 0		
Loan of 15¾ Lakhs for the construction of Sewerage, Wari Bunder, &c., Roads, Burial ground, and certain Water Works—					
1st Instalment raised in 1896-97 at 3½ per cent. per annum			10,00,000 0 0		
Temporary Loan of 20 Lakhs for Plague expenses			12,00,000 0 0		
Do. of 15 lakhs (part of the 25 Lakhs Loan for Sewerage, &c., Works)			15,00,000 0 0		
				3,85,91,500 0 0	
DEPOSITS—					
Deposits on account of works performed for private parties	8,394 2 3				
Do. of Contractors, &c. (in cash)	2,50,401 9 11				
		2,58,795 12 2			
					4,11,20,497 12 9
Do. of Contractors' Government, &c., Paper (*lodged* at the Bank of Bombay)	2,53,400 0 0				
Do. do. do. (kept in office)	3,000 0 0				
Do. on account of Sir Munguldas Nuthoobhoy's Clock	500 0 0				
		2,56,900 0 0			
			5,15,695 12 2		
Government of Bombay on account of Income Tax—					
Through Chief Accountant on account of Establishments		67 2 9			
Do. do. do. Wheel Tax		138 0 0			
			205 2 9		
Loan Works Establishment, Executive Engineer's Department			5,15,900 14 11		
			17,869 15 8		
				5,33,770 14 7	
			Total Liabilities...Rs.		4,16,54,268 11 4

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Acting Municipal Commissioner.

No. 5.

MUNICIPAL FUND.

Schedule of Assets on 31st March 1898.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cash Balance on 31st March 1898				6,31,357 13 10	
ADVANCES RECOVERABLE—					
Municipal Officers, &c.—					
Assessor and Collector	740 0 0				
Chief of the Fire Brigade	200 0 0				
Engineer, Water	5,640 3 6				
Do. Municipal	5,958 4 4				
Do. Drainage	1,751 1 4				
Do. do. Special	400 0 0				
Health Officer	1,238 1 6				
Municipal Commissioner	2,287 1 5				
Municipal Secretary	50 0 0				
Secretary and Curator, Victoria and Albert Museum	400 0 0				
Superintendent of Markets	611 4 0				
Do. Municipal Workshops	35 0 0				
Do. Victoria Gardens	300 0 0				
Do. Licenses	10 11 5				
	19,621 11 6				
Chairman, Plague Committee	2,07,605 8 9				
		2,27,227 4 3			
Workshops (Private and Departmental Works)	6,967 9 1				
Engineer's Department (Private Works)	1,13,314 10 6				
Do. do (Departmental Works)	3,764 13 8	1,24,047 1 3			
Contractors, &c.—					
Water Connection Application Forms (W. W. Dept.)	65 4 0	3,51,274 5 6			
Building Certificate Forms (Building Dept.)	117 0 0				
Do. Repairs do. (do.)	225 8 0				
	407 12 0				
Bulkley & Co.	1,800 0 0				
		2,207 12 0			
INVESTMENTS—					
Bank of Bombay Surplus Cash (Munl. Debentures) Deposit		57,000 0 0	3,53,482 1 6		
Current Account Deposit of Surplus Funds with the Hongkong and Shanghai Banking Corporation	849 2 6				
Do. do. do. with the Comptoir National d'Escompte de Paris	862 14 2				
Do. do. do. with the Chartered Bank of India, Australia and China	1,127 15 0				
		2,839 15 8			
Fixed Deposit of Surplus Funds with the National Bank of India		4,00,000 0 0			
		4,59,839 15 8			

Bank of Bombay on account of 5 per cent. Municipal Debentures belonging to different Loans, &c., Funds pledged as security against a temporary Loan of Rs. 15 lakhs taken up from the Bank pending the raising of a permanent Loan...						15,00,000	0	0	
Bank of Bombay Municipal Buildings Fire Insurance Fund—									
	Municipal Debentures,&c.,Deposit Rs.	32,066	14	0		19,59,839	15	8	
	Cash Deposit... ... „	513	13	2					
					32,580	11	2		
Do.	Worn-out Water Mains Renewal Fund—								
	Municipal Debentures,&c.,Deposit Rs.	3,01,896	4	0					
	Cash Deposit ... ... „	146	12	9					
					3,02,043	0	9		
Do.	The Net Premia, &c., Fund—								
	Municipal Debentures,&c.,Deposit Rs.	3,21,461	14	0					
	Cash Deposit... ... „	30	8	1	a3,21,492	6	1		
Do.	School Building Fund—								
	Government Paper Deposit... Rs.	50,965	9	0					
	Cash Deposit... ... „	11	13	1					
					50,977	6	1		
								7,07,098	8 1
Do.	5 per cent. Municipal Loans Sinking Fund—								
	Municipal Debentures Deposit Rs.	14,64,500	0	0				26,66,938	7 9
	Cash Deposit... ... „	290	0	4	14,64,790	0	4		
Do.	4 per cent. Municipal Loans Sinking Fund—								
	Municipal Debentures,&c.,Deposit Rs.	4,22,500	0	0*					
	Cash Deposit ... ... „	116	1	10	4,22,616	1	10		
Do.	3½ per cent. Municipal Loans Sinking Fund—								
	Government Paper Deposit ...Rs.	18,984	6	0†					
	Cash Deposit... ... „	207	2	8	19,191	8	8		
								19,06,597	10 10
Do.	Contractors' Government, &c., Paper Deposit ...				2,53,400	0	0	45,73,531	2 7
Do.	Government Paper Deposit on account of Sir Mangaldas Nathoobhoy's Clock				500	0	0		
								2,53,900	0 0
RESERVE STOCK—									
	General Stock (Miscellaneous)...							48,27,431	2 7
	Engineer, Water ...							66,503	9 4
Do.	Drainage...							4,22,005	10 3
Do.	Executive							3,92,659	4 11
								22,418	3 3
PROPERTY AND BUILDINGS BOOKED—									
	Bandora Slaughter-houses...				2 34,297	12	8		
	Workshop and Store Shed ...				1,49,079	7	1		
	Girgaum Police Court (share of) ...				34,000	0	0		
								4,17,377	8 9
	Carried over... Rs.							4,17,377	8 9

	51,80,913	4 1
	9,03,586	11 9
	9,03,586	11 9

58,12,271 1 11
58,12,271 1 11

a Of this Rs. 80,542-13-8 belong to the Water Works Account.
* Excluding premia aggregating Rs. 16,920 paid on the investments made in 1896-97 and 1897-98 which were met out of the net Premia, &c., Fund.
† Excluding premia amounting to Rs. 392-2-0 paid on the investment made in 1897-98 which was met out of the net premia, &c., Fund.

MUNICIPAL FUND—Schedule of Assets on 31st March 1898—*continued.*

	Brought forward...Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Markets—			4,17,377 3 9		9,03,586 11 9	58,12,271 1 11
Nal Bazar Market		1,50,770 1 7				
Fort Market		22,066 7 11				
Bhuleshwar Market		64,780 15 4				
Arthur Crawford Market		11,39,410 11 6				
			13,77,028 4 4			
			17,94,405 8 1			
PROPERTY, &c., not booked (as per Valuation List of 1883-84)			*45,37,835 11 11			
				63,32,241 4 0		
ROADS, OVERBRIDGES, DRAINAGE, WATER AND OTHER WORKS EXECUTED OUT OF LOAN FUNDS—						
	Up to 1896-97. Rs. a. p.	1897-98. Rs. a. p.	Total.			
I. Overbridges	1,97,563 0 1	.....	1,97,563 0 1			
II. Foras Road	1,12,418 14 10	.....	1,12,418 14 10			
III. Nowrojee Hill Road	57,913 3 0	.....	57,913 3 0			
	3,67,895 1 11	.....	3,67,895 1 11			
				3,67,895 1 11		
Drainage Works—						
I. Fort Sewers	78,627 4 8	.....	78,627 4 8			
II. Kamathipura Drain	1,91,047 8 10	.....	1,91,047 8 10			
III. Drains in Fanaswadi and Agiary Lane	1,852 12 3	.....	1,852 12 3			
IV. Branch Sewer, Bellasis Road	7,108 6 1	.....	7,108 6 1			
	2,78,635 15 10	.....	2,78,635 15 10	2,78,635 15 10		
Total Overbridges, Roads, &c.... Rs.	6,46,531 1 9	.....	6,46,531 1 9	6,46,531 1 9		
LOAN WORKS—						
SURFACE DRAINAGE—						
Executed out of the Rs. 6 lakhs included in the Government Consolidated Loan and Rs. 8,12,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 lakhs)—						
Widening Love Grove Sluices						
Culverts, &c., under B. B. & C. I. Railway near Bellasis Road	1,57,326 7 7	.....	1,57,326 7 7			
Khetwadi Survey	1,791 0 8	.....	1,791 0 8			
	5,599 10 0	.....	5,599 10 0			

Raising level of Khetwadi Road	28,355 0 1	.....	28,355 0 1				
Do. private compounds in Khetwadi.	25,336 2 1	.....	25,336 2 1				
Three branch drains in Khetwadi and storm-water entrances	31,711 15 6	.....	31,711 15 6				
Intercepting drain, Tardeo District, and storm-water entrances	1,69,851 10 4	.....	1,69,851 10 4				
Making connection between low-level sewer and new main drain	2,610 8 10	.....	2,610 8 10				
Intercepting drain from Pydhoni to Bellasis Road and storm-water entrances..	3,03,229 3 9	.....	3,03,229 3 9				
Enlarging old open main drain	71,318 13 5	.....	71,318 13 5				
Laying a new 24" main and removing old 24" Tulsi main and filling up the Haines Road entrances	74,226 14 0	.....	74,226 14 0				
Constructing Storage Reservoir on the Flats and raising level of manholes in sewers	1,86,225 12 6	.....	1,86,225 12 6				
Establishment	1,21,413 0 0	.....	1,21,413 0 0				
Contingencies	63,627 6 11	.....	63,627 6 11				
Improving the Worlee storm-water drain, widening the channel south of Love Grove Sluices and other petty works..	79,510 9 7	.....	79,510 9 7				
Total Surface Drainage Works ...Rs.	13,22,134 3 3	.....	13,22,134 3 3	13,22,134 3 3			
DRAINAGE, *viz.*—							
Executed out of the Drainage Works portion of the Loan of Rs. 26,94,000 of 1878—							
Main Sewers	4,92,691 8 2	.....	4,92,691 8 2				
Pipe Sewers	2,77,267 13 4	3,561 4 3	2,80,829 1 7				
Outfall Sewers	2,55,766 10 0	.....	2,55,766 10 0				
New Pumping Machinery	98,289 9 6	.....	98,289 9 6				
New Engine-house	95,742 3 9	.....	95,742 3 9				
Kamathipura Drainage	76,471 4 6	.....	76,471 4 6				
Clerk Road Ovoid Sewer	39,259 5 11	.....	39,259 5 11				
Government Commission Charges	5,211 15 9	.....	5,211 15 9				
Preliminary Expenses	13,429 6 5	.....	13,429 6 5				
Departmental Works	1,072 1 3	.....	1,072 1 3				
Compensation for Land	18,831 11 1	.....	18,831 11 1				
Proportion of cost of Repairs to Roads (opened for the works)	34,372 14 7	.....	34,372 14 7				
Miscellaneous Charges	22,302 15 7	.....	22,302 15 7				
Establishment	1,45,000 0 0	.....	1,45,000 0 0				
Contingencies	51,167 7 9	.....	51,167 7 9				
Repairs to old Main Drain at Falkland Road	2,093 13 5	.....	2,093 13 5				
	16,28,970 13 0	3,561 4 3	16,32,532 1 3				
Drainage Works continued & carried over Rs.	16,28,970 13 0	3,561 4 3	16,32,532 1 3				
Loan Works continued and carried over Rs.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0			
Carried over...Rs.					63,32,241 4 0	9,03,586 11 9	58,12,271 1 11

* Property, &c., of the value of Rs. 18 lakhs for property, &c., acquired since 1883-84 remains unbooked.

MUNICIPAL FUND—Schedule of Assets on 31st March 1898—*continued.*

	Up to 1896-97. Rs. a. p.	1897-98. Rs. a. p.	Brought forward ...Rs. Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
						63,32,241 4 0	9,03,586 11 9	58,12,271 1 11
Loan Works continued and brought forward.	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0			
Drainage Works continued & brought forward	16,28,970 13 0	3,561 4 3	16,32,532 1 3	16,32,532 1 3				
Executed out of 15 Lakhs Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—								
House connections without privy fittings, 1st Drainage Section	2,92,389 10 11	76,219 2 3	3,68,608 13 2					
Shaft ventilators throughout the 1st Drainage Section	44,947 0 6	.....	44,947 0 6					
Closing storm-water openings in Frere Road Sewer	17,108 9 6	.....	17,108 9 6					
Two more Pumping Engines	98,438 1 9	.....	98,438 1 9					
Queen's Road Intercepting Sewer	1,53,969 0 0	.....	1,53,969 0 0					
House Connections Survey	4,561 13 3	.....	4,561 13 3					
Do. (Kamathipura Drainage)	34,977 7 5	.....	34,977 7 5					
Establishment Charges	88,869 0 0	.....	88,869 0 0					
	7,35,260 11 4	76,219 2 3	8,11,479 13 7	8,11,479 13 7				
Executed out of Rs. 20,88,000 Loan (one of the three Sanitary Works Loans of 1885-86 aggregating Rs. 44 Lakhs)—								
Pipe Sewer from Clare Road along south portion of Haines and DeLisle Roads	1,14,260 0 7	.....	1,14,260 0 7					
Pipe Sewer from Parel Workshops to Clarke Road Ovoid Sewer	65,793 9 11	.....	65,793 9 11					
Extension of Clarke Road Ovoid Sewer to Parel Road	35,569 8 0	.....	35,569 8 0					
Ovoid Sewer across the Old Race Course	59,746 13 2	.....	59,746 13 2					
Ovoid Sewer from the Crawford Markets down Hornby Road to Bazar Gate, thence to the Mint	89,401 11 9	.....	89,401 11 9					
Establishment	36,309 0 0	.....	36,309 0 0					
	4,01,080 11 5	.....	4,01,080 11 5	4,01,080 11 5				
Executed out of the 7 Lakhs Sanitary Works Loan of 1888—								
Excess expenditure incurred on the Queen's Road Intercepting Sewer	9,633 10 8	.....	9,633 10 8					
Fort Drainage	3,68,422 5 9	.....	3,68,422 5 9					
Establishment Charges	39,419 0 0	.....	39,419 0 0					
Side Drain along Wadi Bunder Road	4,934 0 1	.....	4,934 0 1					
Pipe Sewer in certain lanes in Khetwadi	5,282 6 0	.....	5,282 6 0					
New works at Love Grove Pumping Station.	34,645 9 6	.....	34,645 9 6					
	4,62,337 0 0	.....	4,62,337 0 0	4,62,337 0 0				

| | | |

	Up to 1896-97 Rs. a. p.	Brought forward 1897-98. Rs. a. p.	forward.....Rs. Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loan Works continued and brought forward...	19,68,665 5 0	.....	19,68,665 5 0	19,68,665 5 0	19,68,665 5 0	63,32,241 4 0	9,03,586 11 9	58,12,271 1 11
Drainage Works continued & brought forward	65,75,051 13 3	2,50,659 8 7	68,25,711 5 10	68,25,711 5 10				
Executed out of the 25 Lakhs Loan—								
Machinery for the Sewerage of the Parel the Mazagon, &c., Sectional Districts ...	.....	1,02,394 3 11	1,02,394 3 11					
Mazagon District—Sectional	.....	3,118 2 0	3,118 2 0					
Storm-water drain from Wellington Fountain *via* Bandstand to the Sea ...	.....	33,689 13 1	33,689 13 1					
	.....	1,39,202 3 0	1,39,202 3 0	1,39,202 3 0				
Executed out of the 19½ Lakhs Loan—								
Improvement in the existing road-side drains along Bhoivada Cross Road and new side-drains along portion of Dadar Road, &c.	.....	122 12 0	122 12 0	122 12 0				
Executed out of Savings on different Loans—								
Main sewerage of Parel	22,121 7 8	.....	22,121 7 8					
Arching over with brick masonry the main drain at Arthur Road Crossing ...	15,655 0 4	.....	15,655 0 4					
Laying branch pipe sewers in the village of Parel	17,527 13 11	.....	17,527 13 11					
Completing the storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road ...	14,460 2 7	.....	14,460 2 7					
9" Pipe Sewer in Lalwadi	2,087 8 2	.....	2,087 8 2					
Pipe Sewer in Currey Road.....	2,595 15 5	.....	2,595 15 5					
Sewerage of Parel on the gravitation system	58,127 13 3	3,953 4 2	62,081 1 5					
Storm-water drain in Cruickshank Road.	17,337 6 0	.....	17,337 6 0					
Laying a 9" pipe line at Parel village ...	878 7 3	.....	878 7 3					
Laying 9" pipes for the carriage of storm-water to the sea from the eastern half of the Wodehouse Road	711 5 10	1,280 11 5	1,992 1 3					
Constructing a catch-pit on the Mint Rd.	11 15 0	.....	11 15 0					
Sewer opposite European Genl. Hospl								
Altering and ovoiding storm-water drain in Girgaum	775 0 0	10,661 3 9	11,436 3 9					
Constructing a storm-water drain in Khetwadi	925 0 0	44,616 13 4	45,541 13 4					
Ovoiding side drains in 1st Pathan Street	.....	4,398 12 3	4,398 12 3					
Draining the storm-water from the Public Rd. round the Mahaluxmi Dhobiwada	447 1 4	708 14 11	1,156 0 3					
Converting the old Engine-house at Love Grove into an office and godown and constructing a shred-lifter chamber with four shred-lifters	3,500 0 0	293 15 7	3,793 15 7					
Masonry drain from Girgaum Road passing through Night-soil Depôt and Cross Mathew Road	.....	9,575 1 11	9,575 1 11					

| | | |

MUNICIPAL FUND—Schedule of Assets on 31st March 1898—*continued.*

	Up to 1896-97.	Brought forward.....Rs. 1897-98.	Total.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.			63,32,241 4 0	9,03,586 11 9	58,12,271 1 11
Loan Works continued and brought forward.	87,37,261 15 1	4,87,335 1 0	92,24,597 0 1	92,24,597 0 1	92,24,597 0 1			
Water Works continued and brought forward.	99,98,774 5 0	.....	99,98,774 5 0	99,98,774 5 0				
Executed out of the Rs. 20,88,600 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
New Hydrants, including cost of erection...	20,876 7 1	.....	20,876 7 1					
Tulsi Gathering ground	34,500 0 0	.....	34,500 0 0					
Construction of a double-storied Chawl for the Water Works Staff and Quarters for the Superintendent.....	29,182 3 3	.....	29,182 3 3					
Survey for New Catch-water Channels, &c.	7,838 4 1	.....	7,838 4 1					
Construction of Filter-beds at Vehar	1,04,433 15 11	.....	1,04,433 15 11					
Improvement of the water-supply of the Outlying Districts	6,82,065 0 8	.....	6,82,065 0 8					
Raising the Tulsi Dams.....	1,13,257 9 7	.....	1,13,257 9 7					
Providing additional Catch-water Channels at Vehar and Tulsi	91,794 0 6	.....	91,794 0 6					
Purchase of Check Meters for the prevention of waste of water	1,27,132 14 8	.....	1,27,132 14 8					
Enlarging different Mains	1,03,130 8 6	.....	1,03,130 8 6					
Cost of new Water Main from Nesbit Road to Baboola Tank	15,000 0 0	.....	15,000 0 0					
Establishment Charges	80,770 0 0	.....	80,770 0 0					
Portion of excess cost incurred on Vehar Outlet Tower	23,634 11 9	.....	23,634 11 9					
Provision of Turbine at the Malabar Hill Reservoir	2,282 0 0	.....	2,282 0 0					
	14,35,947 12 0	.....	14,35,947 12 0	14,35,947 12 0				
Executed out of the 7 Lakhs Sanitary Works Loan—								
Malabar Hill Reservoir (extra cost)	1,14,039 2 6	.....	1,14,039 2 6					
Increasing and improving the distribution of the water-supply and providing higher levels, Tulsi District, with filtered water.	20,211 8 4	.....	20,211 8 4					
Portion of excess cost incurred on Vehar Outlet Tower	7,990 10 6	.....	7,990 10 6					
	1,42,241 5 4	.....	1,42,241 5 4	1,42,241 5 4				
Executed out of the 12 Lakhs Drainage and Water Works Loan—								
Laying 18" Main in Frere Road from Bhandarwada Reservoir to Carnac Road and 12" Main from Carnac Road to Mint	80,031 5 0	.....	80,031 5 0	80,031 5 0				

| | | |

MUNICIPAL FUND—Schedule of Assets on 31st March 1898—*continued.*

	Up to 1896-97. Rs. a. p.	Brought forward.....Rs. 1897-98. Rs. a. p.	Total. Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loan Works continued and brought forward	87,37,261 15 1	4,87,335 1 0	92,24,597 0 1	92,24,597 0 1	92,24,597 0 1	63,32,241 4 1	9,08,686 11 9	58,12,271 1 11
Water Works continued and brought forward	2,74,58,627 2 6	14,121 4 3	2,74,72,748 6 9	2,74,72,748 6 9				
Executed out of savings on different Loans—								
Covering Storage Basin at Bhandarwada Reservoir and constructing filters over it.	44,597 14 4	.....	44,597 14 4					
Residence for Chief Inspector of Water Works at Babula Tank Road and Rooms for 6 sluicemen	14,446 3 0	15,317 11 0	29,763 14 0					
24" and 27" mains from Malabar Hill Reservoir to Frere Fountain	50,093 1 2	.....	50,093 1 2					
Connections at Chinchpokly between Tansa and Vehar mains	7,402 1 4	.....	7,402 1 4					
New Mains in various places	.....	25,206 15 0	25,206 15 0					
Excess cost (chargeable to Capital) of renewing 8" main in Worli Road with 9" pipes	.....	18,596 10 8	18,596 10 8					
	1,16,539 3 10	59,121 4 8	1,75,660 8 6	1,75,660 8 6				
Advanced from Surplus Balances—								
Fee to Major Tulloch for preparing report on the best means of filtration of the Tulsi water-supply in Bombay	1,877 12 0	.....	1,877 12 0					
Laying new mains in Reay and Kalachowki Roads and other places	797 6 1	.....	797 6 1					
	2,675 2 1	.....	2,675 2 1	2,675 2 1				
Paid out of the Worn-out Water Mains Renewal Fund—								
Cost of renewing 8" main in Worli Road with 9" pipes (chargeable to Revenue)	2,75,77,341 8 5	73,242 8 11	2,76,51,084 1 4					
	.....	22,729 3 9	22,729 3 9	22,729 3 9				
Total Water Works...Rs.	2,75,77,341 8 5	95,971 12 8	2,76,73,313 5 1	2,76,73,313 5 1	2,76,73,313 5 1			
ROADS—								
Executed out of Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans aggregating Rs. 44 Lakhs)—								
New Road from Bellasis Road across the Old Race Course	1,29,039 1 2	.....	1,29,039 1 2					
Establishment Charges	12,461 0 0	.....	12,461 0 0					
	1,41,500 1 2	.....	1,41,500 1 2	1,41,500 1 2				
Executed out of the Miscellaneous Works Loan of Rs. 10,08,500—								
Cross Road at Mahaluxmi Station from Clark Road to Haines Road	19,594 4 8	.....	19,594 4 8					
Road through Nowroji Hill from Elphinstone Bridge to Dougree Street	54,907 3 0	9,891 10 0	64,798 13 0					
	74,501 7 8	9,891 10 0	84,393 1 8	84,393 1 8				

Executed out of the 35 Lakhs Various Sanitary Works Loan—						
Roads & Streets in Agripada & elsewhere	23,12,762 13 9	Cr. 24,434 9 0	22,88,328 4 9			
Road from Jakeria Bunder Road to Sewri Cemetery	24,217 15 11	.....	24,217 15 11			
	23,36,980 13 8	Cr. 24,434 9 0	23,12,546 4 8	23,12,546 4 8		
Executed out of the 23¼ Lakhs Loan—						
Falkland Road Overbridge	8,978 12 0	5,466 3 1	14,444 15 1			
Wari Bunder Bridge	1,32,374 5 6	277 10 6	1,32,652 0 0			
	1,41,353 1 6	5,743 13 7	1,47,096 15 1	1,47,096 15 1		
Executed out of the Loan of Rs.15,75,000—						
Wari Bunder Road	78,370 10 0	94,199 5 7	1,72,569 15 7			
Victoria Road	30,435 8 0	.....	30,435 8 0			
	1,08,806 2 0	94,199 5 7	2,03,005 7 7			
Less-Contribution paid by the Port Trust towards the construction of the Wari Bunder Road	1,56,500 0 0	.....	1,56,500 0 0			
	Cr47,693 14 0	94,199 5 7	46,505 7 7	46,505 7 7		
Executed out of Savings on different Loans—						
Providing and fixing new pattern hydrants for Road watering and Fire Brigade purposes	19,614 7 8	27,764 12 8	47,379 4 4	47,379 4 4		
Advanced from Surplus Balances—						
Constructing Overbridge at Fergusson and DeLisle Roads	1,984 0 0	.....	1,984 0 0			
Diversion of Arthur Road over the Masonry Culvert	.....	86 3 0	86 8 0			
Land for a portion of the site of the approach road to the proposed Overbridge at Currey Road	.....	7,388 3 10	7,388 3 10			
	1,984 0 0	7,474 11 10	9,458 11 10	9,458 11 10		
Total Roads...Rs	26,68,240 1 8	1,20,639 12 8	27,88,879 14 4	27,88,879 14 4	27,88,879 14 4	
MISCELLANEOUS WORKS—						
Executed out of the Rs. 20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 43 Lakhs)—						
Enlargement of the Dhobi Lines at Mahaluxmi	28,499 12 3	.....	28,499 12 3			
Chawl for Gowlees working at Agripada	6,129 13 6	.....	6,129 13 6			
Milch Cattle Stables	43,677 13 3	.....	43,677 13 3			
Health Department Stables, Bori Bunder	8,803 2 6	.....	8,803 2 6			
Establishment charges	87,110 9 6	.....	87,110 9 6			
Miscellaneous Works contd. & carried over Rs.	87,110 9 6	.....	87,110 9 6	87,110 9 6		
Loan Works continued and carried over Rs...	3,89,83,343 9 2	7,03,946 10 4	3,96,87,290 3 6	3,96,87,290 3 6	3,96,87,290 3 6	
				Carried over...Rs.	63,32,241 4 0	9,03,586 11 9

58,12,271 1 11

MUNICIPAL FUND—Schedule of Assets on 31st March 1898—*concluded.*

	Brought forward...Rs.			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Up to 1896-97. Rs. a. p.	1897-98. Rs. a. p.	Total. Rs. a. p.			63,32,241 4 0	9,03,586 11 9	58,12,271 1 11
Loan Works continued and brought forward.	3,89,83,343 9 2	7,03,946 10 4	3,96,87,290 3 6	3,96,87,290 3 6	3,96,87,290 3 6			
Miscellaneous Works continued and brought forward...	87,110 9 6	.....	87,110 9 6	87,110 9 6				
Executed out of the 35 Lakhs Various Sanitary Works Loan—								
Chawl for Halalkhores in Cursetji Sookhlaji Street	88,460 8 2	.....	88,460 8 2					
Purchase of Land on the Flats required for the disposal of Town Sweepings...	1,98,913 8 8	.....	1,98,913 8 8					
Health Department Bullock Stables and Quarters for Scavengers	44,437 1 5	.....	44,437 1 5					
	3,31,811 2 3	.....	3,31,811 2 3	3,31,811 2 3				
Executed out of the Loan of 23¼ Lakhs—								
Purchase of Land on the Flats for the deposit of Kutchra.....	5,890 14 1	.....	5,890 14 1	5,890 14 1				
Executed out of the Loan of Rs. 15,75,000—								
Burial Ground for Mahomedans and Beni-Israels	1,64,219 9 2	38,439 14 11	2,02,659 8 1	2,02,659 8 1				
Executed out of the 25 Lakhs Loan—								
Disposal of Town Sweepings at Chimbhur.	.....	2,48,946 1 0	2,48,946 1 0					
Purchase of Land at Mount Road from Mr. Ashburner for extension of Burial Ground for Mahomedans	.....	1,17,046 0 6	1,17,046 0 6					
Purchase of Land in Narielwadi for future extension of Burial ground for Mahomedans	.....	74 12 0	74 12 0					
	.....	3,66,066 13 6	3,66,066 13 6	3,66,066 13 6				
Executed out of Savings on different Loans—								
Latrines at Colaba	.....	1,732 10 8	1,732 10 8	1,732 10 8				
ADVANCES FROM SURPLUS BALANCES—								
Health Department Stables in F and G Wards	68,120 8 2	.....	68,120 8 2					
Health Department Bigaries' Chawl at Bori Bunder.....	49,974 2 8	83 13 11	50,058 0 7					
	1,18,094 10 10	83 13 11	1,18,178 8 9	1,18,178 8 9				
Total Miscellaneous Works...Rs.	7,07,126 13 10	4,06,328 5 0	11,13,450 2 10	11,13,450 2 10	11,13,450 2 10			

| | | |

No.

WATER WORKS

INCOME FOR 1897-98.

INCOME.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Water Tax (through Assessor and Collector)	13,06,416 10 4		
Less—Errors adjusted as per details given at page 172	67 5 0		
	13,06,349 5 4		
Less—Refunds	6,105 13 9		
		13,00,243 7 7	
Miscellaneous Water Works Revenue—			
Rent of water meters.....Rs. 14,687 7 0			
Less—Refunds..... „ 56 0 4			
	14,631 6 8		
Net profit on sale or issue of stores—			
Profit.....Rs. 11,500 9 1			
Less—Loss..... „ 1,444 12 5			
	10,055 12 9		
Sale of grass, rights of taking fruits, fishing in tanks, &c.	1,540 0 4		
Recovery for wear and tear of tools	1,520 15 9		
Sale proceeds of unserviceable tools and plant	37 8 0		
Fees for testing water pipes, fittings, &c.	749 7 2		
Profit and commission on private works	456 1 4		
Ground rent	132 0 0		
Fees for disconnecting service pipes	228 0 0		
Sale of tender forms	124 0 0		
Profit on sale of water-connection application forms	79 12 0		
Unclaimed and time-barred deposits	26 0 0		
Hire of pressure gauges, pumps, &c.	27 8 0		
		29,608 8 0	
		*13,29,851 15 7	
Interest on the Worn-out Water Mains Renewal Fund Investment	†15,768 9 4		
Do. Net Premia, &c., Fund Investment	†3,869 4 3		
		19,637 18 11	
			13,49,489 13 6
Difference (Expenditure in excess of Income)			3,34,580 2 2
		Total Rs...	16,84,069 15 8

* *Vide* page 174. † *Vide* page 186.

W. E. WAITE,
Chief Accountant.

6.

ACCOUNT.

EXPENDITURE FOR 1897-98.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of)	(a)26,848 15 8		
Assessment and Collection Charges (proportion of)	(b)27,000 2 8		
Engineer's Establishment (proportion of)	(c)12,778 15 0		
		66,628 1 4	
Maintenance of Vehar, &c., Water Works		(d)2,48,285 3 8	
		3,14,913 5 0	
New Works		(e)27,281 10 7	
		3,42,194 15 7	
Investment of Interest realized on the Worn-out Mains Renewal Fund Investment	(f)15,768 9 8		
Investment of Interest realized on the Net Premia, &c., Fund (W.W. Portion)	(g) 3,869 4 5		
		19,637 13 11	
Interest on Water Works Loans (Debt)—			
Vehar Debt	1,01,445 13 4	3,61,832 13 6	
Portion of 10 Lakhs for Bhundarwada Water Works of the Loan of Rs. 26,94,000 of 1878	38,363 0 6		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,682 9 1		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,519 7 2		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,250 0 0		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,750 0 0		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,000 0 0		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	1,14,390 7 8		
Do. do. 28¼ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	9,820 0 0		
Do. do. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Burial Ground and Water Works (Rs. 30,000)	1,200 0 0		
Tansa Water Works Loan of Rs. 147 Lakhs	7,56,475 0 0	(h) 11,68,896 5 9	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans (Debt)—			
Vehar Debt	12,530 2 8		
Portion of 10 Lakhs for Bhundarwada Water Works of the Loan of Rs. 26,94,000 of 1878	20,044 8 8		
Water Works Portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	13,184 8 10		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	1,631 14 6		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	779 2 8		
Do. do. Miscellaneous Works Loan of Rs. 10,08,500 (Rs. 1,35,000)	1,151 8 5		
Do. do. 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	7,622 13 9		
Do. do. 42 Lakhs Loan for repayment of balance of Government Consolidated Loan (Rs. 28,59,762)	51,407 10 0		
Water Works Portion of the 23¼ Lakhs Loan for Drainage and other works (Rs. 2,45,500)	2,629 8 7		
Tansa Water Works Loan of Rs. 147 Lakhs	42,000 0 0		
Water Works Portion of the 15¾ Lakhs Loan (Rs. 30,000)	859 8 4	(i) 1,58,340 12 5	
		Total... Rs.	16,81,069 15 8

(a) *Vide* page 169 (b) *Vide* page 171 (c) *Vide* page 175 (d) *Vide* page 179 (e) *Vide* page 183.
(f) " 93 (g) " 93 (h) " 195 (i) " 203

W. L. HARVEY,
Acting Municipal Commissioner.

No.

WATER WORKS

SCHEDULE OF LIABILITIES ON 31ST MARCH 1898.

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Government of Bombay on account of Vehar Debt (see page 210)		25,28,997 12 9	
Portion of 10 Lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	10,00,000 0 0		
Less—Paid in 1880 ....Rs. 8,148 2 4			
Do. 1881 .... „ 8,703 11 3			
Do. 1882 .... „ 9,074 1 2			
Do. 1st Quarter of 1883 .... „ 9,629 1 3			
Do. 1883-84.... „ 10,000 0 0			
Do. 1884-85.... „ 10,555 8 10			
Do. 1885-86.... „ 11,111 1 9			
Do. 1886-87.... „ 11,481 0 0			
Do. 1887-88.... „ 11,864 2 4			
Do. 1888-89.... „ 13,553 7 4			
Do. 1889-90.... „ 13,363 0 6			
Do. 1890-91.... „ 14,105 6 9			
Do. 1891-92.... „ 15,033 6 6			
Do. 1892-93.... „ 15,590 3 2			
Do. 1893-94.... „ 16,332 9 5			
Do. 1894-95.... „ 17,260 9 3			
Do. 1895-96.... „ 18,002 15 6			
Do. 1896-97.... „ 18,930 15 4			
Do. 1897-98.... „ 20,044 8 8			
	2,52,783 15 4		
		7,47,216 0 8	
Water Works portion of the 44 Lakhs Sanitary Works Loan...	18,98,921 0 0		
Less—Paid in 1886-87....Rs. 3,021 0 0			
Do. 1887-88.... „ 1,91,186 13 2			
Do. 1888-89.... „ 22,010 3 6			
Do. 1895-96.... „ 69,051 10 9			
	2,85,269 11 5		
		16,13,651 4 7	
Water Works portion of the 7 Lakhs Sanitary Works Loan.....		1,90,389 0 0	
Do. do. of the 12 Lakhs Drainage and Water Works Loan—			
Instalment raised in 1887-88 ....Rs. 42,500 0 0			
Do. do. 1888-89 .... „ 42,500 0 0			
	85,000 0 0		
Add—Net Premium received on the instalment raised in 1888-89	1,904 8 6		
	86,904 8 6		
Less—Premium transferred to current revenue as per Corporation's Resolution No. 9222, dated 11th December 1893	1,904 8 6		
		85,000 0 0	
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,000 0 0		
Add—Net premium received on the instalment raised in 1888-89	8,548 4 0		
	1,43,548 4 0		
Less—Net Premium transferred to current revenue as per Corporation's Resolution No. quoted above	8,548 4 0		
		1,35,000 0 0	
Water Works portion of the 35 Lakhs Various Sanitary Works Loan	9,20,000 0 0		
Add—Net premium received on the instalment raised in 1890-91	21,713 2 8		
	9,41,713 2 8		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	21,713 2 8		
		9,20,000 0 0	
Tansa Water Works Loan of Rs. 147 Lakhs (see page 212)...	1,47,00,000 0 0		
Add—Net premium received on the instalments raised from 1888-89 to 1890-91 (see page 213)	2,43,839 10 6		
	1,49,43,839 10 6		
Less—Premium transferred to current revenue as per Corporation's Resolution quoted above	2,43,839 10 6		
		1,47,00,000 0 0	
Water Works portion of Rs. 42 Lakhs Loan raised in 1893-94 for repayment of the balance of Government Consolidated Loan		28,59,762 0 0	
Do. of 23¼ Lakhs Loan for Drainage and other Works raised in 1893-94 and 1895-96		2,45,500 0 0	
Do. of the 1st Instalment of Rs. 10 Lakhs of the Rs. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works raised in 1896-97		80,000 0 0	
		Total...Rs.	2,40,55,516 2 0

W. E. WAITE,
Chief Accountant.

7.

ACCOUNT.

SCHEDULE OF ASSETS ON 31ST MARCH 1898.

ASSETS.	Up to 31st March 1897.	In 1897-98.	Total.	Rs. a. p.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0	
Vehar Outlet Tower	2,38,111 10 0	.....	2,38,111 10 0	
	40,00,000 0 0	.....	40,00,000 0 0	
Service Reservoir at Bhandarwada.....	10,16,830 13 3	.....	10,16,830 13 3	
	50,16,830 13 3	.....	50,16,830 13 3	
Water Works executed out of—				
The 15 Lakhs Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 221	4,60,000 0 0	.....	4,60,000 0 0	
20,88,000 Loan (one of the three Sanitary Works Loans aggregating Rs. 44 Lakhs), see page 222	14,35,947 12 0	.....	14,35,947 12 0	
	18,95,947 12 0	.....	18,95,947 12 0	
7 Lakhs Sanitary Works Loan (see page 222)	1,42,241 5 4	.....	1,42,241 5 4	
12 Lakhs Drainage and Water Works Loan (see page 222)	80,031 5 0	.....	80,031 5 0	
Rs 10,08,500 Miscellaneous Works Loan (see page 223)	1,16,214 3 2	.....	1,16,214 3 2	
35 Lakhs Various Sanitary Works Loan (see page 223).....	8,72,574 9 10	.....	8,72,574 9 10	
147 Lakhs Tansa Water Works Loan (see page 223)	1,46,89,141 1 5	781 15 2	1,46,89,923 0 7	
23¼ Lakhs Drainage and other Works Loan (see page 223)	1,23,423 8 5	13,176 12 2	1,36,600 4 7	
15⅜ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works Loan (see page 223)	279 0 4	4 14 0	283 14 4	
25 lakhs Loan for Sewerage, Roads and other Works (see page 223).....	.....	157 10 11	157 10 11	
Savings on different Loans (see page 224)	1,16,539 3 10	59,121 4 8	1,75,660 8 6	
Surplus Balances pending the raising of a Loan (see page 224)	2,675 2 1	.....	2,675 2 1	
Extra cost (chargeable to revenue) of renewal of 8" Water Main in Worli Road with 9" pipes—paid out of the Worn-out Water Mains Renewal Fund (see page 224)	2,75,77,841 8 5	73,242 8 11	2,76,51,084 1 4	
	.....	22,729 3 9	22,729 3 9	
	2,75,77,841 8 5	95,971 12 8	2,76,73,813 5 1	2,76,73,813 5 1
Bank of Bombay Worn-out Water Main Renewal Fund Deposit Account	3,09,003 10 10	(a) *Cr. 6,960 10 1*	†3,02,043 0 9	
Bank of Bombay Net Premia, &c., on different Municipal Loans Deposit Account	80,867 12 0	(b) *Cr. 324 14 4*	‡80,542 13 8	
	3,89,871 0 10	*Cr. 7,285 8 5*	3,82,585 14 5	3,82,585 14 5
Rs.	2,79,67,712 15 3	88,686 4 3	2,80,56,399 3 6	
			Total...	2,80,56,399 3 6

* *Vide* page 224. † *Vide* page 215. ‡ *Vide* page 215.

(a) Amount withdrawn in 1897-98 to meet the extra cost (chargeable to revenue) of renewing 8" Water Main in Worli Road with 9" pipes (*vide* page 206) ..... Rs. 22,729 3 9
Less—Amount invested in 1897-98 (*vide* page 93) 15,768 9 8
Difference... 6,960 10 1

(b) Proportion (chargeable to Water Works Account) of premia paid on Investments of Sinking Fund of 4 per cent. Loans made in 1897-98 (*vide* page 195) 4,194 2 7
Less—Amount invested in 1897-98 (*vide* page 93) 3,869 4 3
Difference... 324 14 4

W. L. HARVEY,
Acting Municipal Commissioner.

No

GARDEN

RECEIPTS.	Rs. a. p.
Unexpended balances of sanctioned grants renewed in 1897-98	51,610 12 0
Total...Rs.	51,610 12 0

W. E. WAITE,
Chief Accountant.

8.

FUND.

DISBURSEMENTS.	Rs. a. p.
New Works	* 15,538 0 4
Balance at the close of 1897-98—	
Unexpended balances of sanctioned grants renewed in 1898-99	36,072 11 8
Total...Rs.	51,610 12 0

* *Vide* page 173.

W. L. HARVEY,
Acting Municipal Commissioner.

APPENDIX No. 9.

PLAGUE EXPENDITURE UP TO 31ST MARCH, 1898.

A.

STATEMENT showing payments made up to 30th March 1898 Municipality in connection with the Suppression of the

	Expenditure passed and paid up to 31st March 1897 including Journal Entries.	From 1st April 1897 to 23rd December 1897.
	Rs. a. p.	Rs. a. p.
Establishment including Office Clerks, Sub-Inspectors, Peons, &c.	6,639 12 8	183 11 7
Medical Officers, Hospital Assistants, &c.	20,245 1 5	1,380 5 9
Police ramosbis	2,022 2 11	187 4 2
Labourers, scavengers, &c.	26,112 1 3	3,002 10 1
Halalcores	4,208 6 5	62 8 0
Tile-turners	307 1 10	16 15 0
Lime-washing, labour and stores excluding lime	56,129 11 2	5,493 8 0
Lime	36,784 1 9	35,800 6 10
Medicines	5,340 3 0	3,106 15 0
Disinfectants	93,382 6 11	3,179 5 10
Stores	32,359 2 0	13,500 0 4
Putting up segregation sheds, Hospitals, &c.	9,925 7 5	6,307 0 2
Cleaning and flushing drains, gullies, &c., (including extra allowance to Fire Brigade Staff)	25,611 0 8	1,222 15 0
Cutting off service pipes and erecting stand-pipes, &c.	13,144 1 5	100 12 4
Making ambulance carriages and purchase of vans and horses	875 0 0	822 0 0
Removing silt, town sweepings, &c.	19,889 7 11	7,950 13 2
Printing, stationery, advertisements, telegrams, conveyance and other miscellaneous charges	13,776 1 4	4,422 5 10
Carrying out researches at the Sewri Lazaretto (including cost of office, &c., establishment under Dr. Haffkine and cost of constructing sheds, &c., at Sewri)	11,391 1 9	781 8 11
Compensation for clothing, &c., destroyed	.....	275 15 0
Compensation for sheds, huts and buildings destroyed.	.....	210 0 0
Total... Rs.	8,78,342 7 10	88,007 1 0
OUTLAY INCURRED ON PERMANENT WORKS, &c.		
Purchase of four steam engines for gully-flushing	7,826 2 0	5,910 0 0
Constructing manholes on Port Trust Estate	15,753 14 5	1,198 12 0
Total... Rs.	23,080 0 5	7,108 12 0
Removing and repairing old fittings and replacing new ones	24,304 6 3	70 2 0
Cast-iron fittings	4,275 3 2	.....
Constructing catch-pits	7,052 14 5	.....
Total... Rs.	35,632 7 10	70 2 0
GRAND TOTAL... Rs.	4,87,055 0 1	95,185 15 0

on account of Expenses incurred by Different Departments of the Plague up to the appointment of the Plague Committee.

From 30th December 1897 to 29th January 1898.	From 31st January 1898 to 26th February 1898.	From 28th February 1898 to 30th March 1898.	Adjustments by Journal Entries in the Accounts of 30th March 1898.	Total Payments in 1897-98.	Total Expenditure incurred against the Grants of Rs.5½ lakhs sanctioned by the Corporation.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	.....	.....	89 4 10	273 0 5	6,912 13 1
.....	.....	.....	.....	1,380 5 9	21,625 7 2
Cr.59 10 2	.....	.....	.....	127 10 0	2,149 12 11
.....	.....	.....	.....	3,002 10 1	29,114 11 4
.....	.....	.....	.....	62 8 0	4,270 14 5
.....	.....	.....	.....	16 15 0	324 0 10
.....	.....	.....	.....	6,210 10 11	62,340 6 1
717 2 11	.....	.....	.....	35,800 6 10	72,584 8 7
.....	.....	.....	.....	3,106 15 0	8,447 2 0
.....	.....	.....	.....	3,179 5 10	96,561 12 9
.....	.....	.....	14,624 5 9	28,124 6 1	60,483 8 1
5,805 5 0	.....	.....	154 15 3	12,267 4 5	22,192 11 10
.....	.....	.....	*Cr. 1,144 5 6*	78 9 6	25,889 10 2
.....	.....	.....	.....	100 12 4	13,244 13 9
.....	.....	.....	.....	822 0 0	1,697 0 0
.....	.....	.....	.....	7,950 13 2	27,840 5 1
.....	.....	886 12 9	.....	5,309 2 7	19,085 3 11
2,502 11 6	.....	.....	.....	3,284 4 5	14,675 6 2
.....	.....	.....	.....	275 15 0	275 15 0
.....	.....	.....	.....	210 0 0	210 0 0
8,965 9 3	.....	886 12 9	13,724 4 4	1,11,588 11 4	4,89,926 3 2
.....	.....	.....	.....	5,910 0 0	13,286 2 0
.....	.....	37 8 0	.....	1,236 4 0	16,990 2 5
.....	.....	37 8 0	.....	7,146 4 0	30,226 4 5
.....	.....	.....	(a)		
.....	.....	.....	*Cr. 24,100 9 10*	*Cr. 24,030 7 10*	278 14 5
.....	.....	.....	*Cr.(a) 4,253 8 6*	*Cr. 4,253 8 6*	21 10 8
.....	.....	.....	(b) 7,052 14 5	*Cr. 7,052 14 5*	.....
.....	.....	.....	*Cr. 35,407 0 9*	35,336 14 9	295 9 1
8,965 9 3	.....	924 4 9	*Cr. 21,682 12 5*	83,393 0 7	5,20,448 0 8

(a) These charges have been transferred to Private Works Account as they are recoverable from house-owners in the Mandvi District.

(b) A portion of these charges has been transferred to Private Works Account as it is recoverable from house-owners in the Mandvi District and the remaining portion debited to the house connections grant.

B.

STATEMENT showing payments made up to 30th March 1898 on account

	Payments made by the Plague Committee.				
	From 9th March to 28rd Dec. 1897.	From 30th Dec. 1897 to 29th Jan. 1898.	From 31st Jan. 1898 to 26th Feb. 1898.	From 28th Feb. 1898 to 30th March 1898.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
Establishment ... ... Medical Officers, Hosp. Asstts. Police Ramoshies ... Labourers, Scavengers, &c. Halalcores ... ... Tile-turners	2,35,532 4 2	30,391 12 3	47,443 7 4	74,695 6 4	3,88,062 14 1
	2,35,582 4 2	30,391 12 3	47,443 7 4	74,695 6 4	3,88,062 14 1
Establishment	24,897 0 1	757 4 4	757 4 4	1,437 8 8	27,848 12 5
Contingencies	35,233 2 10	1,464 0 3	17,586 12 11	3,651 1 1	57,935 1 1
Purchase of furniture ...	27,212 11 0	*Cr. 300 2 0*	4,800 1 0	608 0 7	32,320 10 7
Hire of furniture	925 7 2	.....	.....	176 8 9	1,101 15 11
Cooking utensils, table articles, &c.	2,860 14 10	145 11 9	9 12 0	*Cr. 13 10 0*	*Cr 3,002 12 7*
Food supply, &c.	21,006 7 5	1,921 6 3	5,375 15 3	4,624 3 11	32,928 0 10
Disinfectants, lime, &c. ...	38,144 7 8	998 0 0	889 1 6	33,581 2 3	73,612 11 5
Taking minutes of Mahomedan Meeting	242 8 0	.....	.....	.....	242 8 0
Clothing	13,113 1 1	219 3 7	1,497 14 0	*Cr. 375 12 0*	14,454 6 8
Compensation for clothing, &c., destroyed	475 8 0	10 0 0	17 8 0	37 8 0	540 8 0
Compensation for sheds, huts and buildings destroyed ...	325 0 0	.....	.....	.....	325 0 0
Medicines, &c.	14,201 9 5	1,520 5 0	3,183 15 9	5,423 2 2	24,329 0 4
Telephone connections and alterations	2,585 0 0	.....	136 8 0	.....	2,671 8 0
Construction of central offices, chokies, sheds, segregation sheds, &c.	49,923 8 6	225 6 11	2,551 4 4	963 0 0	53,662 14 9
Gratuity to patients	643 8 0	.....	0 2 0	.....	643 10 0
Rent of quarters	9,863 9 11	126 12 10	242 0 0	2,332 15 7	12,565 6 4
Railway Inspection	43,853 12 8	6,049 7 5	7,766 4 3	6,244 5 8	63,913 13 7
Observation Camps	66,775 13 2	37,060 8 2	21,642 10 11	24,374 4 10	1,49,853 0 1
Marathi Hospital and Camp ...	.....	.....	.....	351 8 11	351 8 11
Sea Inspection	41,060 11 4	6,492 2 0	5,186 5 1	3,635 11 9	56,374 14 2
Road Inspection	13,159 8 9	1,878 13 8	2,102 7 6	1,958 15 11	19,099 8 10
Modikhana Parsi Ward ...	.....	.....	.....	37 14 4	37 14 4
Assessment Taxes	131 0 6	.....	.....	.....	131 0 6
Jain Hospital	.....	.....	.....	187 14 2	187 14 2
Cleaning and flushing drains, &c., including extra allowance to the Fire Brigade staff, purchase of hose, coal, &c. ...	.....	.....	.....	.....	.....
Limewashing, labour and stores, excluding lime	.....	.....	.....	.....	.....
Cost of Professor Lustig's serum obtained from Italy	.....	.....	.....	.....	.....
Carrying out researches at the Sewri Lazaretto including cost of Office Establishment, &c., under Dr. Haffkine and of furnishing bungalow occupied by Dr. Haffkine	.....	.....	.....	.....	.....
Carried over...Rs.	6,42,116 0 1	88,960 7 5	1,21,189 6 2	1,63,931 9 11	10,16,197 7 7

of Plague charges incurred after the appointment of the Plague Committee.

Payments made by the Municipality.						Total Payments against the sum of Rs. 19½ lakhs placed at the disposal of the Plague Committee.
From 1st April 1897 to 23rd Dec. 1897.	From 30th Dec. 1897 to 29th Jan. 1898.	From 31st Jan. 1898 to 26th Feb. 1898.	From 28th Feb. 1898 to 30th March 1898.	Adjusted by Journal Entries in the Accounts of 30th March 1898.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
50,363 15 3	5,905 5 5	6,564 4 5	7,274 7 0	106 15 10	70,214 15 11	
51,170 14 6	4,847 8 0	3,322 11 1	2,501 4 9	.....	61,842 6 4	
6,205 15 2	224 10 2	1,075 15 0	.....	53 0 0	7,559 8 4	
63,767 1 6	8,748 9 0	10,963 6 2	6,688 3 7	*Cr. 154 14 5*	90,012 5 7	
20,113 9 9	2,436 1 1	2,681 3 9	3,853 8 4	.....	29,084 6 11	
454 4 1	11 4 8	16 2 1	36 4 8	.....	517 15 6	
1,92,075 12 3	22,173 6 4	24,623 10 6	20,353 12 4	5 1 2	2,59,231 10 7	6,47,294 8 8
.....	.....	.....	.....	.....	.....	27,848 12 5
17,215 10 11	5,019 7 10	4,722 6 1	3,452 4 2	1,527 2 5	31,936 15 5	89,872 0 6
.....	.....	.....	89 8 0	.....	89 8 0	32,410 2 7
.....	.....	55 0 0	20 0 0	.....	75 0 0	1,176 15 11
.....	.....	.....	.....	.....	.....	3,002 12 7
.....	.....	.....	.....	.....	.....	32,928 0 10
40,237 12 9	864 10 6	4,195 4 6	5,184 12 10	16,314 15 3	66,797 7 10	1,40,410 8 3
.....	.....	.....	.....	.....	.....	242 8 0
.....	.....	.....	.....	.....	.....	14,454 6 8
291 5 6	5 0 0	.....	.....	.....	296 5 6	836 13 6
11,565 3 10	291 0 0	.....	309 13 2	1,628 5 6	13,794 6 6	14,119 6 6
1,389 1 0	.....	121 14 0	66 11 0	.....	1,577 10 0	25,906 10 4
.....	.....	.....	.....	.....	.....	2,671 8 0
12,015 7 7	38,880 2 7	458 1 4	13,420 8 10	11,700 4 9	76,474 9 1	1,30,137 7 10
.....	.....	.....	.....	.....	.....	643 10 0
.....	30 0 0	45 0 0	30 5 4	.....	105 5 4	12,670 11 8
.....	.....	.....	.....	.....	.....	63,913 13 7
.....	.....	.....	.....	.....	.....	1 49,853 0 1
.....	.....	.....	.....	.....	.....	351 8 11
.....	.....	.....	.....	.....	.....	56,374 14 2
.....	.....	.....	.....	.....	.....	19,099 8 10
.....	.....	.....	.....	.....	.....	87 14 4
.....	989 15 6	.....	1,614 6 0	.....	2,604 5 6	2,735 6 0
.....	.....	.....	.....	.....	.....	187 14 2
36,219 8 10	2,286 14 3	4,420 12 9	4,268 3 7	738 13 5	47,934 4 10	47,934 4 10
25,627 8 6	13,665 12 3	7 3 7	.....	.....	39,300 8 4	39,300 8 4
.....	.....	.....	2,232 15 3	.....	2,232 15 3	2,232 15 3
20,888 12 6	6,358 0 8	517 14 0	5,092 5 5	6,626 10 1	39,483 10 8	39,483 10 8
8,57,526 3 5	90,564 5 11	39,167 2 9	56,185 9 11	38,541 4 7	5,81,934 10 10	15,98,132 2 5

B.—

	Payments made by the Plague Committee.				
	From 9th March 1897 to 23rd Dec. 1897.	From 30th Dec. 1897 to 29th Jan. 1898.	From 31st Jan. 1898 to 26th Feb. 1898.	From 28th Feb. 1898 to 30th March 1898.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.	6,42,116 0 1	88,960 7 5	1,21,189 6 2	1,63,931 9 11	10,16,197 7 7
Removing silt, town sweepings, &c.	.....	.....	.....	.....	.....
Cleaning, disinfecting and repairing fittings	.....	.....	.....	.....	.....
Stores, firewood for cremation of dead bodies, &c.	.....	.....	.....	.....	.....
Interest paid to Bank of Bombay on moneys borrowed to meet Plague charges... ...	.....	.....	.....	.....	.....
Cost of six ambulance-vans with stretchers and bullock carts for removal of dead bodies	.....	.....	.....	.....	.....
Purchase of three horses for Plague vans	.....	.....	.....	.....	.....
Pulling down and burning condemned houses	.....	.....	.....	.....	.....
Providing sanitary arrangements and connecting segregation hospitals owned by Mr. Haji Casum Mitha and the hospitals for Cutchee Banias, Cutchee Memons and Vaishnav Banias at Charni Road, Jakaria Musjid Street and Bhuleshwar	.....	.....	.....	.....	.....
Contribution towards private hospitals and camps	.....	1,050 0 0	.....	.....	1,050 0 0
Purchase of two steam engines for gully-flushing	.....	.....	.....	.....	.....
Cutting off service pipes and erecting stand-pipes, laying pipes, fixing hydrants, &c. ...	.....	.....	.....	.....	.....
Inspection of houses in different parts of the City	.....	.....	.....	.....	.....
Palghar Inspection	2,856 1 0	785 5 5	403 12 2	109 13 5	4,154 15 9
Kalyan Inspection	6,638 14 11	999 6 2	982 6 7	2 0 0	8,622 11 8
Kalyan Camp charges	.....	65 3 0	*Cr. 65 3 0*	.....	.....
Disinfecting instruction class...	929 1 9	1,262 6 5	542 3 9	533 9 10	3,267 5 9
Mahomedan Hospital and Camp	.....	*Cr. 325 0 0*	*Cr. 532 0 0*	82 8 0	*Cr. 774 8 0*
	6,52,540 1 9	92,797 12 5	1,22,520 9 8	1,64,659 8 11	10,32,518 0 9
Less—Bombay Government contribution ...	.....	.....	.....	50,000 0 0	50,000 0 0
Credits on account of miscellaneous fines	70 1 5	1 0 0	29 4 9	18 15 6	119 5 8
Credits on account of miscellaneous receipts	83 12 4	.....	1 1 6	0 4 1	85 1 11
	153 13 9	1 0 0	30 6 3	50,019 3 7	50,204 7 7
	6,52,386 4 0	92,796 12 5	1,22,490 3 5	1,14,640 5 4	9,82,313 9 2

Continued.

Payments made by the Municipality.						Total Payments against the sum of Rs. 19½ lakhs placed at the disposal of the Plague Committee.
From 1st April 1897 to 23rd Dec. 1897.	From 30th Dec. 1897 to 29th Jan. 1898.	From 31st Jan. 1898 to 26th Feb. 1898.	From 28th Feb. 1898 to 30th March 1898.	Adjusted by Journal Entries in the Accounts of 30th March 1898.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,57,526 3 8	90,564 5 11	39,167 2 9	56,135 9 11	38,541 4 7	5,81,934 10 10	15,98,132 2 5
1,02,773 8 4	.....	11,981 6 6	12,087 5 5	.....	1,26,842 4 3	1,26,842 4 3
2,157 6 0	317 6 7	.....	287 2 3	.....	2,761 14 10	2,761 14 10
19,326 3 1	.....	1,353 13 11	9,225 7 6	.....	29,905 8 6	29,905 8 6
4,719 2 10	.....	.....	.....	.....	4,719 2 10	4,719 2 10
957 9 6	776 4 11	.....	996 5 2	.....	2,730 3 7	2,730 3 7
914 6 5	.....	.....	.....	.....	914 6 5	914 6 5
919 2 2	49 15 0	2,259 11 6	.....	356 11 10	3,585 8 6	3,585 8 6
2,089 3 10	1,331 6 1	166 2 2	109 4 9	.....	3,696 0 10	3,696 0 10
.....	.....	.....	.....	.....	.....	1,050 0 0
5,910 0 0	.....	.....	.....	.....	5,910 0 0	5,910 0 0
929 6 0	.....	.....	7,116 2 0	8,554 14 11	16,600 6 11	16,600 6 11
11,955 3 2	2,567 6 11	2,727 2 2	2,646 3 11	.....	19,896 0 2	19,896 0 2
.....	.....	.....	.....	.....	.....	4 154 15 9
.....	.....	.....	.....	.....	.....	8,622 11 8
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	3,267 5 9
.....	.....	.....	.....	.....	.....	*Cr.* 774 8 0
5,10,177 7 0	95,606 13 5	57,655 7 0	88,603 8 11	47,452 15 4	7,99,496 8 8	18,32,014 4 5
.....	.....	.....	.....	.....	.....	50,000 0 0
.....	.....	.....	.....	.....	.....	119 5 8
.....	.....	.....	.....	.....	.....	85 1 11
.....	.....	.....	.....	.....	.....	50,204 7 7
5,10,177 7 0	95,606 13 5	57,655 7 0	88,603 8 11	47,452 15 4	7,99,496 8 8	17,81,809 12 10

REVENUE.

1. Report of the Assessment and Collection Department by Mr. R. P. Brunton, Assessor and Collector, as forwarded with his letter No. 14820, dated 15th August 1898.

2. Report of the Revenue and Refund Audit Department by Mr. R. N. Coyajee, Acting Revenue and Refund Audit Officer, as forwarded with his letter No. 1463, dated 5th August 1898.

1. The total amount collected under all heads, exclusive of miscellaneous receipts, was Rs. 44,71,371-12-10, against the estimated amount of Rs. 45,02,373, a difference of Rs. 31,001-3-2, due mainly to a falling off in water supplied to Mills.

2. As compared with the total collections for the previous year (1896-97), which amounted to Rs. 41,76,528-0-6, the increase for 1897-98 is Rs. 2,94,843-12-4.

3. The outstandings, including Wheel Tax, on the 31st March 1898 were Rs. 1,07,100-5-2, of which, up to date, Rs. 72,783-2-8 have been accounted for, leaving a balance of Rs. 34,317-2-6 for all previous years —a result which I respectfully submit for favourable consideration as proof of the excellent collection work done by the Department, in spite of the difficulties caused by absenteeism of property owners and alleged want of funds on the part of ratepayers on account of vacancies of houses, &c. This sum of Rs. 34,317-2-6 is made up as under :—

		Rs.	a.	p.	
Irrecoverable bills	... ...	727	8	1	
Disputed „	... ...	22,981	6	7	
Recoverable „	... ...	8,715	0	3	
Departmental „	... ...	1,893	3	7	for adjustment.
	Total ...	34,317	2	6	

4. The total collections for the past five years, exclusive of miscellaneous receipts, were :—

	Rs.	A.	P.
1893-94	40,95,990	15	4
1894-95	42,86,095	4	9
1895-96	43,51,271	11	4
1896-97	41,76,528	0	6
1897-98	44,71,371	12	10

Registration of Properties.

5. The following table gives the details of the number of properties in the Assessment Book during the past five years :—

Years.	Classification of properties according to description.				Classification of properties according to liability to General Tax.			
	Buildings.	Salt-pans.	Lands (including tanks, wells, &c.).	Total.	Number assessed for the General Tax.	Number exempt or compounded for on special terms.	Small plots of unproductive lands for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9
1893-94 ...	33,833	175	17,665	51,673	39,649	4,357	7,667	51,673
1894-95 ...	34,265	175	17,708	52,148	40,032	4,446	7,670	52,148
1895-96 ...	35,083	175	17,241	52,499	40,318	4,493	7,688	52,499
1896-97 ...	35,495	146	17,318	52,959	40,653	4,561	7,745	52,959
1897-98 ...	35,091	146	17,928	53,165	40,685	4,578	7,903	53,165

Valuation of Properties.

6. The recorded gross value of properties for the year under report, contrasted with those for the previous four years, is as under :—

Years.	Opening valuation.	Amount after disposal of complaints.		Amount of subsequent reductions during the year by demolitions and complaints.	Amount after deduction of subsequent reductions.	Subsequent enhancement. (New buildings, enlargements and underassessments.)	Total valuation.	Classification of valuation.				Final difference over preceding year's valuation.	
		No. of complaints.	Valuation.					Valuation chargeable with General Tax.	Valuation exempt from General Tax.	Valuation for which no General Tax bills issued.	Total.	Increase.	Decrease.
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1893-94	2,67,13,196	1,929	2,66,52,913	1,42,479	2,65,10,434	4,69,294	2,69,79,728	2,45,06,857	24,55,041	17,830	2,69,79,728	5,75,746	...
1894-95	2,72,98,360	2,215	2,72,68,925	1,46,595	2,71,22,330	4,91,411	2,76,13,741	2,50,94,448	25,01,487	17,806	2,76,13,741	6,34,013	...
1895-96	2,81,55,935	2,642	2,80,48,470	5,73,179	2,74,75,291	7,81,590	2,82,56,881	2,55,79,337	26,59,820	17,724	2,82,56,881	6,43,140	...
1896-97	2,87,03,341	2,525	2,86,71,706	2,88,823	2,83,82,883	5,44,735	2,89,27,618	2,62,19,752	26,90,393	17,473	2,89,27,618	6,70,737	...
1897-98	2,95,66,285	2,649	2,93,48,448	2,48,671	2,90,99,777	3,83,028	2,94,82,805	2,67,21,128	27,43,526	18,151	2,94,82,805	5,55,187	...

7. The increases in valuation in private properties are as follows :—

Years.	Rise in rents and correction of under-assessments.	Erection of new buildings.	Enlargements.	Total Increase.
	Rs.	Rs.	Rs.	Rs.
1893-94	90,667	3,21,061	1,64,018	5,75,746
1894-95	1,81,547	2,74,222	1,78,244	6,34,013
1895-96	1,49,527	2,58,447	2,35,166	6,43,140
1896-97	1,94,399	2,64,476	2,11,862	6,70,737
1897-98	2,37,562	1,94,336	1,23,289	5,55,187

8. The following tables show the increases in property taxes as compared with the previous year :—

General Tax.

1896-97.				1897-98.				Increase—Difference between columns 4 and 8.
8½ per cent. on Value.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145(3).	Total of columns 1, 2 and 3.	8½ per cent. on Value.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by the Port Trust under section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
a. p. 8 1	a. p. 0 0	a. p. 0 0	a. p. 8 1	a. p. 6 5	a. p. 0 0	a. p. 0 0	a. p. 6 5	a. p. 14 4
Rs. 17,55,849	Rs. 98,374	Rs. 1,52,482	Rs. 20,06,705	Rs. 17,94,227	Rs. 98,374	Rs. 1,52,482	Rs. 20,45,083	Rs. 38,377

9. The amount of general tax on properties exempted from its payments under section 143 (*a*) and (*b*) of the Act does not appear in the above table. This amount, contrasted with that of the previous year, is as follows :—

	Rs.	A.	P.		Rs.	A.	P.
1896-97 ...	2,07,151	13	4	1897-98 ...	2,11,268	4	11

10. *Water Tax.*

1896-97.				1897-98.				Increase.			Decrease on Meter Measurement.	Net Decrease.
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13
a. p. 11	a. p. 3	a. p. 9	a. p. 11	a. p. 1	a. p. 4	a. p. 6	a. p. 10	a. p. 2	a. p. 1	a. p. 3	a. p. 4	a. p. 1
Rs. 4,30,098 14	Rs. 33,573 9	Rs. 7,80,747 4	Rs. 14,54,847 12	Rs. 6,43,511 6	Rs. 36,583 4	Rs. 5,62,106 4	Rs. 12,42,199 14	Rs. 12,584 7	Rs. 2,709 11	Rs. 15,294 2	Rs. 2,27,842 0	Rs. 2,12,547 14

Note.—Under Resolution No. 1644, dated 12th May 1897, by the Standing Committee, charges for water-supply by meter are now made half-yearly instead of quarterly; thus, bills for the half-years ended 30th September 1897 and 31st March 1898 were issued in November 1897 and in May 1898, the amounts of the latter bills will appear in the revenue account for the current year.

11. *Halalkhor Tax.*

1896-97.			1897-98.			Increase of Halalkhor Tax on Value.	Decrease of Special Halalkhor Tax.	Net Increase.
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.			
1	2	3	4	5	6	7	8	9
Rs. a. p. 5,46,284 0 6	Rs. a. p. 1,50,526 12 1	Rs. a. p. 6,97,813 2 6	Rs. a. p. 5,02,600 8 4	Rs. a. p. 1,36,060 13 7	Rs. a. p. 6,38,661 5 11	Rs. a. p. 15,516 1 11	Rs. a. p. 14,467 14 6	Rs. a. p. 1,048 3 5

Note.—Although there is a net increase of Rs. 1,048-3-5 in this tax, there is a decrease of Rs. 14,467-14-6 in the Special Tax, the chief item of which is in the Special Halalkhor Tax on Mills, in which fewer hands were employed during the year.

12. The total demand on account of Property Taxes for 1897-98 amounted to Rs. 39,85,844-11-2, to which must be added Rs. 38,801-3-4, demands on account of previous years, making a total of Rs. 40,24,645-14-6.

13. Of the above demand, a sum of Rs. 60,872-13-1 was allowed as drawback on the General Tax under section 158 (2) of the Act.

14. The following bills for Property Taxes were issued during the year 1897-98 :—

For which year.	Bills issued.		—
	No.	Amount.	
		Rs. a. p.	
1893-94	52	261 4 3	
1894-95	56	309 6 10	
1895-96	103	3,483 1 5	
1896-97	447	34,747 6 10	
Total ...	658	38,801 3 4	
1897-98	72,771	36,74,115 14 1	
Total ...	73,429	37,12,917 1 5	

15. The payments by Government and Port Trust, in lieu of the General Tax, are not made on bills; they are made direct into the Chief Accountant's Office.

16. The following table gives the amount which had to be collected during 1897-98 :—

Taxes.	To be collected.				Collected.			Uncollected.	Deduct.			Balance outstanding at the end of 1897-98.		
									On account of former years.			On account of former years.	On account of 1897-98.	Total.
	Opening Balance outstanding on 31st March 1897.	Total of Bills issued during 1897-98.	Amount payable by Government and Port Trust without Bills.	Total.	On account of former years.	On account of 1897-98.	Total.		Amount written off as per Standing Committee's Resolutions Nos. 1208 5-5-97, 3823 21-7-97, 6719 20-10-97 & 11679 2-3-98.	Bills cancelled (amended bills being issued in lieu of the same).	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax..	1,14,895 13 11	17,46,338 15 3	2,50,856 0 0	21,14,090 13 2	1,06,047 1 1	19,54,936 13 10	20,61,883 14 11	52,208 13 3	218 15 4	16,189 6 11	16,401 6 3	6,531 11 6	29,273 11 6	35,805 7 0
Water Tax ...	1,06,938 7 9	12,49,564 14 7	....	13,56,403 6 4	1,09,286 9 2	12,04,023 11 2	13,06,313 4 4	50,150 2 0	102 0 1	7,885 2 6	7,987 2 7	4,019 11 9	38,173 3 8	42,192 15 5
Halalkhor Tax	73,055 0 11	7,15,023 3 7	....	7,88,078 4 6	63,140 11 5	6,79,929 10 11	7,42,670 8 4	45,407 14 2	69 1 4	22,787 0 4	22,856 1 8	3,520 1 6	19,031 11 0	22,551 12 6
Total	2,94,889 5 7	37,10,917 1 5	2,50,856 0 0	42,58,662 7 0	2,72,374 5 8	38,38,493 3 11	41,10,867 9 7	1,47,794 13 6	390 0 9	46,854 9 9	47,244 10 6	14,071 8 9	86,478 10 2	1,00,550 2 11

Tax on Vehicles and Animals.

17. The demand on account of the tax on private vehicles and animals for the four quarters ended 31st December 1897 was Rs. 1,55,282-7-0, against Rs. 1,85,321-12-4 for 1896, to which are to be added Rs. 16,282-13-3 outstanding on 31st March 1897, and Rs. 1,337-14-0, amount of bills for former years issued in 1897-98, making a total of Rs. 1,72,903-2-3.

18. The total number of Wheel Tax bills issued was 11,862. The amount collected during the year was Rs. 1,64,378-7-3.

19. Out of the amount of Rs. 6,550-2-3 outstanding on the 31st March 1898, Rs. 3,443-14-0 have been accounted for up to date, leaving a balance of Rs. 3,106-4-3.

20. The details are shown in the subjoined table :—

Wheel Tax.

To be collected.			Collected.			Uncollected.	Deduct Bills cancelled on account of former years.			Balance outstanding at the end of 31st March 1898.		
Opening balance outstanding.	Total of bills issued in 1897-98.	Total.	On account of former years.	On account of 1897-98.	Total.		Amount written off as irrecoverable as per Standing Committee's Resolutions Nos. 1208 / 5-5-97, 3823 / 21-7-97, 6719 / 26-10-97, 11679 / 2-3-98.	Bills cancelled (amended bills being issued in lieu of the same).	Total.	On account of former years.	On account of 1897-98.	Total.
Rs. a. p. 16,282 13 3	Rs. a. p. 1,56,620 5 0	Rs. a. p. 1,72,903 2 3	Rs. a. p. 14,609 5 3	Rs. a. p. 1,49,769 2 0	Rs. a. p. 1,64,378 7 3	Rs. a. p. 8,524 11 0	Rs. a. p. 245 6 9	Rs. a. p. 1,729 2 0	Rs. a. p. 1,974 8 9	Rs. a. p. 1,036 13 3	Rs. a. p. 5,513 5 0	Rs. a. p. 6,550 2 3

21. The number and description of private vehicles and animals taxed at the end of calendar year 1897, as contrasted with those of the previous calendar year, are as under :—

For 1896-97.		For 1897-98.		Increase.		Decrease.	
Number at the end of 1896.	Amount.	Number at the end of 1897.	Amount.	Number at the end of 1896.	Amount.	Number at the end of 1896.	Amount.
4-wheeled Vehicles.	Rs. a. p.	4-wheeled Vehicles.	Rs. a. p.	4-wheeled Vehicles.	Rs. a. p.	4-wheeled Vehicles.	Rs. a. p.
2-wheeled Vehicles.	12 4	2-wheeled Vehicles.	7 0	2-wheeled Vehicles.		2-wheeled Vehicles.	
Vehicles drawn or impelled otherwise than by horses, &c.	1,85,321	Vehicles drawn or impelled otherwise than by horses, &c.	1,53,282	Vehicles drawn or impelled otherwise than by horses, &c.		Vehicles drawn or impelled otherwise than by horses, &c.	
Horses.	1	Horses.	1	Horses.		Horses.	
Ponies.		Ponies.		Ponies.		Ponies.	
Bullocks.		Bullocks.		Bullocks.		Bullocks.	
Donkeys.		Donkeys.		Donkeys.		Donkeys.	
Amount.		Amount.		Amount.		Amount.	
4-wheeled Vehicles.	3,417	4-wheeled Vehicles.	3,417	4-wheeled Vehicles.		4-wheeled Vehicles.	
2-wheeled Vehicles.	714	2-wheeled Vehicles.	714	2-wheeled Vehicles.		2-wheeled Vehicles.	
Vehicles drawn or impelled otherwise than by horses, &c.	367	Vehicles drawn or impelled otherwise than by horses, &c.	367	Vehicles drawn or impelled otherwise than by horses, &c.		Vehicles drawn or impelled otherwise than by horses, &c.	...
Horses.	3,939	Horses.	3,678	Horses.	60	Horses.	266
Ponies.	233	Ponies.	200	Ponies.	...	Ponies.	33
Bullocks.	748	Bullocks.	622	Bullocks.	...	Bullocks.	126
Donkeys.	1	Donkeys.	1	Donkeys.	...	Donkeys.	...
Amount.	Rs. a. p. 1,85,321 12 4	Amount.	Rs. a. p. 1,53,282 7 0	Amount.	.....	Amount.	Rs. a. p. 80,029 5 4
4-wheeled Vehicles.	3,417	4-wheeled Vehicles.		4-wheeled Vehicles.		4-wheeled Vehicles.	330
2-wheeled Vehicles.	817	2-wheeled Vehicles.		2-wheeled Vehicles.		2-wheeled Vehicles.	103
Vehicles drawn or impelled otherwise than by horses, &c.	807	Vehicles drawn or impelled otherwise than by horses, &c.		Vehicles drawn or impelled otherwise than by horses, &c.		Vehicles drawn or impelled otherwise than by horses, &c.	...
Horses.	3,939	Horses.		Horses.		Horses.	266
Ponies.	233	Ponies.		Ponies.		Ponies.	33
Bullocks.	748	Bullocks.		Bullocks.		Bullocks.	126
Donkeys.	1	Donkeys.		Donkeys.		Donkeys.	...
Amount.	Rs. a. p. 1,85,321 12 4	Amount.		Amount.		Amount.	Rs. a. p. 80,029 5 4

Note.—I attribute the decrease to the fact of a large number of Wheel Tax paying inhabitants having left the city on account of Plague; they took their vehicles and animals with them, and though many of the people returned themselves, left their carriages and horses behind pending decision for final return. We will have to wait a year or so before this tax shows an increase.

22. The figures in the following table for 1897-98 are supplied by the Chief Accountant, the tax being collected in his Office :—

Years.	Tax on Licensed Public Land Conveyances.	License Fees.	Fees for Badges.	Toll Fees at Mahim and Sion Causeways.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94	1,64,720 8 0	5,094 4 0	7,914 1 0	12,665 14 0
1894-95	1,68,889 0 0	5,376 2 0	7,963 1 0	15,371 10 0
1895-96	1,67,967 8 0	5,020 0 0	7,853 8 0	19,528 14 0
1896-97	58,450 12 0	2,638 2 0	3,627 12 0	15,863 4 0
1897-98	1,67,989 10 0	5,265 8 0	8,380 12 0	14,489 14 0

23. The details of the collections for the official year are :—

Period.	Labour Carts.	Riding Hackeries.	Victorias, Shigrams, &c.	Municipal Taxes.	License Fees.	Cost of Badges.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
From 1st April 1896 to 31st March 1897.	2,442	113	746	58,450 12 0	2,638 2 0	3,627 12 0	64,716 10 0
From 1st April 1897 to 31st March 1898.	8,553	261	851	1,67,989 10 0	5,265 8 0	8,380 12 0	1,81,635 14 0

24. The following tables show— **A**, total assessment ; **B**, the collections and outstanding balances under Property Taxes and Tax on Vehicles and Animals as compared with those of the previous four years :—

Table A.

Total Assessment on account of Property Taxes and Wheel Tax.

Years	No. of Properties.	Gross Annual Value at the end of the year.			ASSESSED DEMAND.											
					PROPERTY TAXES.											
					General Tax, including compounded payments by Government and Port Trust.			Water Tax.	Halalkhor Tax.	Total of Property Taxes.			Wheel Tax, including Public Conveyances and the Toll on the Causeways.	Total Demand.		
		Valuation chargeable with General Tax.	Valuation exempt from General Tax under Section 143 of the Municipal Act and Section 36 of the Port Trust Act.	Total.	General Tax leviable.	General Tax not leviable.	Total.			Leviable.	Not leviable.	Total.		Leviable.	Not leviable.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1593-94 ..	51,673	2,45,06,857	24,72,871	2,69,79,728	18,75,615 9 3	1,89,174 10 9	20,64,790 4 0	12,67,355 12 11	6,55,294 8 0	37,98 265 14 2	1,89,174 10 9	39,87,440 8 11	3,44,966 8 0	41,43,232 6 2	1,89,174 10 9	43,32,407 0 11
1594-95 ..	52,148	2,50,94,448	25,19,293	2,76,13,741	19,20,589 5 1	1,92,725 15 11	21,13,315 5 0	13,68,942 1 6	6,42,593 4 8	39,32,124 11 3	1,92,725 15 11	41,24,850 11 2	3,56,936 1 1	42,89,060 12 4	1,92,725 15 11	44,81,786 12 3
1595-96 ..	58,499	2,55,79,337	26,77,544	2,82,56,881	19,57,704 0 1	2,04,832 2 6	21,62,536 2 7	13,97,085 11 10	6,63,572 3 1	40,18,361 15 0	2,04,832 2 6	42,23,194 1 6	3,68,086 9 11	43,86,448 8 11	2,04,832 2 6	45,91,280 11 5
1596-97 ..	52,959	2,62,19,752	27,07,866	2,69,27,618	20,06,705 8 1	2,07,151 13 4	22,13,857 5 5	14,54,547 12 11	6,97,513 2 6	41,58,766 7 6	2,07,151 13 4	43,65,918 4 10	2,59,635 12 4	44,18,402 3 10	2,07,151 13 4	46,25,554 1 2
1597-98 ..	53,165	2,67,91,128	27,61,677	2,94,82,805	20,45,083 6 5	2,11,268 4 11	22,56,351 11 4	12,42,199 14 10	6,98,561 5 11	39,85,844 11 2	2,11,268 4 11	41,97,113 0 1	3,37,761 15 0	43,23,606 10 2	2,11,268 4 11	45,34,874 15 1

Table B.

Total Demands, Collections, and Balances on account of Property Taxes and Wheel Tax, including License Fees and Fees for Badges on Public Conveyances and Tolls at Mahim and Sion Causeways.

Years.	Amount to be collected.			Bills written off under Standing Committee's resolutions and Bills recalled for amendment.	Collections.	Outstanding Balance on 31st March.
	Opening Outstanding Balance.	Demand assessed for the year and for former years during the year.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94 ...	1,36,907 1 11	41,21,308 0 10	42,58,215 2 9	11,771 8 11	40,95,990 15 4	1,50,452 10 6
1894-95 ...	1,50,452 10 6	42,99,843 6 3	44,50,296 0 9	79,926 10 7	42,86,095 4 9	84,274 1 5
1895-96 ...	84,274 1 5	43,56,893 15 6	44,41,168 0 11	9,849 10 2	43,51,271 11 4	80,046 11 5
1896-97 ...	80,046 11 5	44,37,107 14 5	45,17,154 9 10	29,454 6 6	41,76,528 0 6	3,11,172 2 10
1897-98 ...	3,11,172 2 10	43,16,519 2 5	46,27,691 5 3	49,219 3 3	44,71,371 12 10	1,07,100 5 2

Miscellaneous Revenue.

25. The receipts from miscellaneous revenue in 1897-98, as contrasted with the previous four years, are :—

Years.	Notice Fees.	Warrant Fees.	Inspection Fees.	Battakee Fees.	Duplicate Bill Fees.	Sundries, copies of office records, &c.	Fees for producing books in the Courts and for supplying information.	Miscellaneous Receipts, including sale of old records, printed assessment books and copies of the one-fifth drawback conditions.	Total.	Meter Hire.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94....	3,405 8 0	85 8 0	54 0 0	2,424 0 0	36 8 0	35 5 10	67 8 0	151 11 2	6,260 1 0	8,375 6 0
1894-95....	2,909 8 0	66 4 0	70 0 0	2,775 0 0	19 8 0	33 15 8	140 0 0	67 8 11	6,081 12 7	8,711 7 7
1895-96....	2,571 12 0	43 12 0	65 4 0	2,991 0 0	11 10 0	39 7 8	45 0 0	58 4 0	5,826 1 8	12,786 10 8
1896-97....	2,062 4 0	36 0 0	79 0 0	2,241 0 0	8 6 0	28 0 0	137 6 1	54 0 3	4,646 0 4	10,600 13 7
1897-98....	3,976 12 0	74 4 0	50 12 0	1,569 0 0	31 4 0	24 0 6	85 0 0	48 6 0	5,859 6 6	14,030 9 10

Refunds.

26. The total amount of refunds, for which certificates were granted on account of vacancies and over-collections under all heads, was Rs. 20,826-11-9 ; the details are as under :—

Taxes.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	For 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	....	....	90 14 8	3,751 13 4	2,463 13 11	6,306 9 11
Water Tax	.....	24 2 8	91 15 11	4,328 2 5	2,117 11 0	6,562 0 0
Halalkhor Tax	1,290 6 0	790 2 0	708 0 2	3,612 10 8	1,539 14 8	7,941 1 6
Wheel Tax	....	....	....	4 0 0	2 0 0	6 0 0
Notice Fees	....	.....	....	.....	....	....
Meter Hire	....	....	....	11 0 4	....	11 0 4
Toll Fees	....	....	....	.....	....	....
Total ..	1,290 6 0	814 4 8	890 14 9	11,707 10 9	6,123 7 7	20,826 11 9

Appeals to the Chief Judge of the Small Causes Court.

27. There were nine appeals, *viz.* :—

Subject of Appeal.	Total No. of Appeals.	How disposed of.				Total.
		Dismissed.	Allowed.	Withdrawn by the Appellants.	Settled by consent.	
Valuation	9	2	.....	2	5	9

28. The attached Tables I to XVIII show the details of the working of the department during 1897-98.

29. In my letter No. 12788, dated 26th July 1898, I have brought to the notice of the Commissioner, for favourable consideration, the satisfactory way in which the staff has worked during the last two years, and I earnestly hope that my recommendation for a recognition by the Standing Committee and Corporation of the services performed may meet with approval.

Table I.

Number of Properties on the Assessment Book at the close of 1897-98.

Wards.	Classification of Properties according to Description.					Classification of Properties according to Liabilities.					Remarks.
	Buildings.	Salt-pans.	Lands.	Miscellaneous Tanks, Wells, &c.	Total.	Number assessed to General Tax.	No. exempted or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Number without valuation.	Total.	
A	3,740	...	980	59	4,779	3,856	923	.....	.....	4,779	
B	5,143	...	1,135	26	6,304	5,252	1,064	8	.....	6,304	
C	8,055	...	531	140	8,726	8,239	480	5	2	8,726	
D	4,273	...	695	53	5,021	4,584	412	21	4	5,021	
E	6,850	...	2,416	230	9,496	8,245	1,181	63	7	9,496	
F	2,728	146	6,687	41	9,602	4,418	271	4,911	2	9,602	
G	4,302	...	4,791	144	9,237	6,111	247	2,879	.....	9,237	
Total...	35,091	146	17,235	693	53,165	40,685	4,578	7,887	15	53,165	

Table II.

Number of New Buildings and Buildings demolished and enlarged in 1897-98.

Wards.	New Buildings in 1897-98.					Buildings demolished on account of various causes burnt down, &c., in 1897-98.	Buildings enlarged.
	April to June.	July to September.	October to December.	January to March.	Total.		
A	38	1	28	13	80	108	14
B	14	1	17	13	45	99	20
C	3	3	13	17	36	68	24
D	8	13	12	9	42	101	19
E	19	5	9	17	50	109	18
F	15	7	10	7	39	19	17
G	10	8	25	16	59	251	41
Total ..	107	38	114	92	351	755	153

Table III.

Statement showing the Opening and Closing Assessment for 1897-98.

Wards	Opening Assessment.	Valuation after Complaint.	Deduct at 10 per cent.	Net or rateable Value.	General Tax (leviable (8¾ per cent.)	General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	General Tax (exempted).	Subsequent Amendments. Increase.		Subsequent Amendments. Decrease.		Closing Assessment.					Total General Tax.
								Gross Value.	General Tax.	Gross Value.	General Tax.	Gross Value.	Not Value.	General Tax (leviable).	General Tax (Bills not issued, General Tax being less than 4 As. for the Half-year).	General Tax (exempted).	
	7	9	10	11	12	12-A	13					9	11	12	12-A	13	
	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ..	98,95,845	98,78,023	9,87,159	88,90,864	6,29,601 8 2	....	1,26,191 11 3	61,837	4,683 2 10	81,044	2,124 9 5	99,08,816	89,18,578	6,32,160 1 7	....	1,25,919 11 11	7,58,079 13 6
B ..	45,30,697	44,36,399	4,42,424	39,93,975	3,30,659 1 2	0 6 8	8,828 11 10	42,390	3,065 0 2	48,269	3,408 4 9	44,30,520	39,88,623	3,30,315 12 7	0 6 8	8,722 5 1	3,39,038 8 4
C ..	59,61,098	58,84,102	5,86,694	52,97,408	4,37,613 2 0	1 13 10	22,665 4 2	47,308	2,024 2 3	34,563	2,623 8 2	58,96,847	53,08,878	4,37,018 12 1	1 13 10	24,239 12 8	4,51,255 6 7
D ..	31,08,339	31,11,605	3,09,932	28,01,673	2,26,978 8 8	6 0 6	11,158 7 8	52,233	3,708 4 7	25,917	1,973 2 2	31,37,921	28,25,358	2,28,713 11 1	6 4 6	11,436 5 3	2,40,156 4 10
E ..	35,83,742	35,62,233	3,54,534	32,07,699	2,44,278 13 10	21 6 6	23,354 11 0	86,892	5,287 1 1	82,039	5,639 12 9	35,67,086	32,12,067	2,43,926 2 2	21 5 11	29,079 12 4	2,73,027 4 5
F ..	10,76,894	10,68,817	1,04,699	9,64,118	77,170 9 8	773 1 0	4,003 4 7	89,248	2,948 7 9	13,194	1,015 11 2	10,94,961	9,87,648	79,103 6 3	771 0 0	4,073 1 11	83,947 8 2
G ..	14,09,870	14,07,269	1,38,607	12,68,662	1,00,946 11 4	532 1 10	6,354 12 6	53,120	3,915 0 9	18,735	1,011 8 5	14,46,854	13,04,109	1,03,850 8 8	537 9 9	6,408 11 1	1,10,846 13 6
Total.	2,95,66,385	2,93,48,448	29,24,049	2,64,24,399	20,37,248 6 10	1,334 14 4	2,07,486 15 0	3,33,028	25,631 3 5	2,48,671	17,796 3 10	2,94,82,805	2,65,45,321	20,46,083 6 5	1,388 8 8	3,09,879 12 3	22,56,351 11 4

Subsequent Amendments.

Wards.	Reduction.	Enhancement.
	Rs.	Rs.
A ..	81,044	61,837
B ..	48,269	42,390
C ..	34,563	47,308
D ..	25,917	52,233
E ..	82,039	86,892
F ..	13,104	39,248
G ..	13,735	53,120
Total ..	2,48,671	3,33,028

Table IV.

Complaints disposed of during the Year 1897-98.

Wards.	Number of Complaints received.	Original value.	Valuation revised on Complaints.	Difference. Decrease.	Difference. Increase.	Remarks.
		Rs.	Rs.	Rs.	Rs.	
A	240	7,16,122	6,98,500	17,622	.....	
B	614	8,45,888	7,51,590	94,298	.....	
C	753	8,67,559	7,90,563	76,996	.....	
D	265	2,37,009	2,40,275	.....	3,266	
E	426	2,91,011	2,69,502	21,509	.....	
F	171	1,23,789	1,15,712	8,077	.....	
G	180	1,34,625	1,32,024	2,601	.....	
Total ...	2,649	32,16,003	29,98,166	2,21,103	3,266	

Table V.

Statement showing Increase and Decrease in Valuation for 1897-98.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	4,34,632	5,40,368	...	...	...	1,335	...	...	...	1,05,867	1,204	
B	7,20,571	9,20,761	...	...	...	...	1,116	...	...	1,99,074	...	
C	6,17,545	8,20,580	...	...	...	...	732	...	...	2,02,303	...	
D	1,75,327	2,21,580	...	...	...	...	...	...	...	46,253	...	
E	1,55,424	1,92,550	...	...	...	...	...	...	...	37,126	...	
F	84,280	1,04,321	...	...	...	...	...	...	...	19,966	75	
G	62,136	80,895	...	...	...	...	...	72	...	18,664	23	
Total ...	22,49,915	28,81,055	...	...	...	1,335	1,848	72	...	6,29,253	1,302	

Table VI.

Statement showing Increase and Decrease for 1897-98.

Wards.	Original Valuation.	Revised Valuation.	Decrease.				Increase.					Remarks.
			Over-Assessment.	Demolition.	Falling off in Rents.	Other Causes.	Under-Assessment.	New Houses.	Enlarged or improved.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A	5,55.096	5,37,474	51,829	7,437	...	5,065	138	33,326	7,022	6,223	...	
B	6,38,918	5,44,620	1,02,077	1,656	...	...	398	7,079	1,958	...	...	
C	5,51,690	4,74,694	94,577	2,032	...	...	...	15,459	3,636	112	406	
D	1,82,359	1,85,625	20,872	2,552	...	718	32	26,233	1,143	...	...	
E	2,25,855	2,04,346	28,434	5,067	...	687	196	10,536	1,410	...	537	
F	1,06,108	98,031	10,419	268	...	3,116	5	4,192	1,529	...	...	
G	80,365	77,764	10,906	1,337	...	162	...	8.264	1,540	...	...	
Total ...	23,40,391	21,22,554	3,19,114	20,349	...	9,748	769	1,05,089	18,238	6,335	943	

Table VII.

Statement showing Increase and Decrease for 1897-98.

Ward.	Original.					Revised.		Actual Amount recoverable.			Decrease.				Increase.					Remarks.
	Gross Value.	Net Value.	General Tax.	Water Tax.	Halalkhor Tax.	Gross Value.	Net Value.	General Tax.	Water Tax.	Halalkhor Tax.	Over-Assessment.	Demolition.	Falling off in Rents	Other Causes.	Under-Assessment.	New Houses.	Enlargement or Improvement.	Rise in Rents.	Other Causes.	
	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
A ..	10,14,784	9,13,326	77,093 12 8	15,149 0 4	6,732 8 11	11,05,228	9,94,846	79 652 6 1	11,378 8 6	5,407 11 7	10,905	28,057	..	704	..	1,20,321	9,075	..	804	
B ..	1,88,702	1,69,910	13,644 14 3	5,666 0 4	5,330 0 10	1,78,460	1,60,080	13,301 9 8	5,077 15 2	4,304 11 8	8,207	44,172	..	11,607	1,974	26,510	13,722	..	11,536	
C ..	1,54,691	1,39,463	11,243 10 4	5,288 15 7	4,122 7 4	1,81,517	1,63,422	10.613 4 5	5,141 6 7	6,415 10 9	10,170	21,103	5,217	2,180	..	55.925	9,346	..	25	
D ..	1,59,884	1,44,007	12,021 11 2	4,688 8 11	8,066 3 1	2,03,544	1,83,263	13,756 13 7	4,876 13 1	6,857 1 1	5,619	17,308	1,731	4,288	..	56,981	9,077	5,259	1,239	
E ..	4.07,429	3,66,737	27,101 7 7	4,728 8 2	15,580 1 5	4,16,638	3,75,075	26,748 11 11	4,252 8 8	11,303 12 9	17,588	31,080	..	10,832	2,945	43,362	18,237	17	4,436	
F ..	1,59,893	1,43,913	12,001 12 10	2,551 1 5	5,219 6 7	1,83,036	1,64,785	13,934 9 5	3,310 13 3	4,734 2 3	7,463	2,364	13,750	82	..	22,562	20,258	453	3,529	
G ..	2,83,246	2,55,046	21,429 1 10	9,860 5 0	7,454 7 3	3,65,187	3,28,841	24,332 15 2	9,735 2 5	7,367 13 9	6,113	8,908	..	2,468	2,490	60,040	25,336	..	11,564	
Total ..	23,68,829	21,32,404	1,74,535 6 8	47,932 7 9	52,505 3 5	26,33,610	23,70,913	1,82,370 6 3	43,673 3 8	46,410 15 10	66,065	1,52,942	20,698	32,251	7,409	3,85,701	1,05,051	5,729	33,133	

Table VIII.

Water and Halalkhor Taxes levied during the year 1897-98.

Ward.	Water Tax.				Halalkhor Tax.			Remarks.
	On Assessed Value.	By Meter Measurement.	Compounded.	Total.	On Assessed Value.	Special Service.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	1,02,895 12 5	2,27,181 13 0	22,534 1 8	3,52,611 11 1	1,06,783 6 2	60,118 7 5	1,66,901 13 7	
B	1,47,318 11 1	9,742 9 9	1,162 10 3	1,58,223 15 1	1,13,698 11 2	814 15 0	1,14,513 10 2	
C	1,86,657 10 6	19,360 12 3	1,848 0 5	2,07,866 7 2	1,56,696 12 9	229 15 0	1,56,926 11 9	
D	87,310 13 0	37,375 2 6	1,907 1 10	1,26,593 1 4	75,094 7 2	11,225 12 0	86,320 3 2	
E	81,405 8 1	96,461 10 3	7,632 4 0	1,85,499 6 4	71,551 14 4	26,490 6 5	98,042 4 9	
F	19,005 12 2	30,427 3 9	926 3 0	50,359 2 11	17,137 9 2	13,145 10 9	30,283 3 11	
G	18,917 2 10	1,41,556 0 11	572 15 2	1,61,046 2 11	21,537 11 7	24,035 11 0	45,573 6 7	
Total ...	6,43,511 6 1	5,62,105 4 5	36,583 4 4	12,42,199 14 10	5,62,500 8 4	1,36,060 13 7	6,98,561 5 11	

Table IX.

Bills issued in 1897-98.

Years.	No. of Bills.			General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.
	Property Taxes.	Wheel Tax.	Total.						
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94	52	...	52	.....	.....	261 4 3	261 4 3	.....	261 4 3
1894-95	56	...	56	.....	.....	309 6 10	309 6 10	.....	309 6 10
1895-96	103	3	106	2,610 5 6	226 2 10	646 9 1	3,483 1 5	11 0 0	3,494 1 5
1896-97	447	60	507	12,374 0 5	7,128 12 11	15,344 9 6	34,747 6 10	1,326 14 0	36,074 4 10
Total for former years	658	63	721	14,984 5 11	7,354 15 9	16,461 13 8	38,801 3 4	1,337 14 0	40,139 1 4
„ for 1897-98	73,771	11,799	84,570	17,33,354 9 4	12,42,199 14 10	6,98,561 5 11	36,74,115 14 1	1,55,282 7 0	38,29,398 5 1
Grand Total...	73,429	11,862	85,291	17,48,338 15 3	12,49,554 14 7	7,15,023 3 7	37,12,917 1 5	1,56,620 5 0	38,69,537 6 5

Table X.

Collections made in 1897-98, *including Adjustments.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1890-91	25 8 9	11 10 10	8 12 2	45 15 9	.....	45 15 9
1891-92	30 10 0	14 0 0	10 8 0	55 2 0	3 4 9	58 6 9
1892-93	61 4 0	28 0 0	22 7 1	111 11 1	3 4 9	114 15 10
1893-94	59 8 0	28 0 0	953 1 5	1,040 9 5	1 8 6	1,042 1 11
1894-95	84 12 8	53 11 5	949 15 11	1,088 8 0	0 8 9	1,089 0 9
1895-96	3,661 14 1	1,097 9 6	5,754 5 11	10,513 13 6	75 11 0	10,589 8 6
1896-97	1,03,023 7 7	1,01,053 9 5	55,441 8 11	2,59,518 9 11	14,524 15 6	2,74,043 9 5
Total for former years ...	1,06,947 1 1	1,02,286 9 2	63,140 11 5	2,72,374 5 8	14,609 5 3	2,86,983 10 11
„ for 1897-98 ...	17,04,080 13 10	12,04,026 11 2	6,79,529 10 11	35,87,637 3 11	1,49,769 2 0	37,37,406 5 11
Collection with Adjustments—						
Government Contribution... ...	98,374 0 0	.....	.....	98,374 0 0	.....	98,374 0 0
Port Trust Contribution	1,52,482 0 0	.....	.....	1,52,482 0 0	.....	1,52,482 0 0
Grand Total ...	20,61,883 14 11	13,06,313 4 4	7,42,670 6 4	41,10,867 9 7	1,64,378 7 3	42,75,246 0 10

Table XI.

Bills Recalled and Cancelled in 1897-98 *as Erroneous.*

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total Property Taxes.	Wheel Tax.	Grand Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1894-95	.....	.....	125 1 10	125 1 10	.....	125 1 10	
1895-96	2,618 15 2	508 0 3	1,734 5 8	4,861 5 1	29 0 0	4,890 5 1	
1896-97	13,563 7 9	7,377 2 3	20,927 8 10	41,868 2 10	1,700 2 0	43,568 4 10	
Total ...	16,182 6 11	7,885 2 6	22,787 0 4	46,854 9 9	1,729 2 0	48,583 11 9	

Table XII.

Statement showing the Bills written off in 1897-98 *as Irrecoverable* (vide *Standing Committee's Resolutions Nos.* $\frac{1208}{5\text{-}5\text{-}97}$, $\frac{3823}{21\text{-}7\text{-}97}$, $\frac{6719}{20\text{-}10\text{-}97}$ and $\frac{11679}{2\text{-}3\text{-}98}$.

Years.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Grand Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1888-89	12 2 2	6 1 1	4 8 9	22 12 0	.....	22 12 0	
1889-90	101 2 4	47 9 8	27 9 7	176 5 7	.....	176 5 7	
1890-91	104 2 0	47 9 8	35 11 2	187 6 10	15 11 0	203 1 10	
1891-92	.....	.....	.....	.....	29 11 3	29 11 3	
1892-93	.....	.....	.....	.....	29 11 3	29 11 3	
1893-94	.....	.....	.....	.....	9 7 6	9 7 6	
1894-95	.....	.....	.....	.....	4 0 0	4 0 0	
1895-96	.....	.....	.....	.....	28 15 0	28 15 0	
1896-97	1 8 10	0 11 8	1 3 10	3 8 4	127 14 9	131 7 1	
Total ...	218 15 4	102 0 1	69 1 4	390 0 9	245 6 9	635 7 6	

Table XIII.

Outstanding Balance on 31st March 1898.

Years.	Bill Nos.	General Tax.	Water Tax.	Halalkhor Tax.	Total.	Wheel Tax.	Total.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1890-91	3	30 10 0	14 0 1	10 8 1	55 2 2	.....	55 2 2	.....	55 2 2
1891-92	7	18 13 0	124 12 2	8 10 1	152 3 3	38 0 0	190 3 3	.....	190 3 3
1892-93	10	32 9 6	336 10 5	11 2 10	380 6 9	10 13 6	391 4 3	.....	391 4 3
1893-94	8	56 7 6	24 12 8	18 9 5	99 13 7	.....	99 13 7	.....	99 13 7
1894-95	13	138 7 0	63 5 8	50 0 1	251 12 9	21 7 3	273 4 0	.....	273 4 0
1895-96	46	640 6 8	368 14 0	103 3 5	1,112 8 1	83 0 0	1,195 8 1	.....	1,195 8 1
1896-97	277	5,614 5 19	3,087 4 9	3,317 15 7	12,019 10 2	883 8 6	12,903 2 8	.....	12,903 2 8
For former years...	364	6,531 11 6	4,019 11 9	3,520 1 6	14,071 8 9	1,036 13 3	15,108 6 0	.....	15,108 6 0
Total for 1897-98...	2290	29,273 11 6	38,173 3 8	19,031 11 0	86,478 10 2	5,513 5 0	91,991 15 2	1,525 0 0	93,516 15 2
GRAND TOTAL	2654	35,805 7 0	42,192 15 5	22,551 12 6	1,00,550 2 11	6,550 2 3	1,07,100 5 2	1,525 0 0	1,08,625 5 2

Table XIV.

Statement showing the number of Vehicles and Animals taxed in 1897-98.

Wards.	Number at the end of the Year.							Amount of Tax levied.					Remarks.
	4-wheeled Vehicles.	2-wheeled Vehicles.	Vehicles drawn or impelled otherwise than by horses, ponies, &c.	Horses above 12 hands.	Horses under 12 hands.	Bullocks.	Donkeys.	4th quarter, ending 31st March 1897.	1st quarter, ending 30th June 1897.	2nd quarter, ending 30th September 1897.	3rd quarter, ending 31st December 1897.	Total.	
								Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	619	148	123	774	27	69	...	6,510 10 0	7,444 5 0	7,506 3 0	7,966 15 0	29,428 1 0	
B	600	54	54	556	37	38	...	5,569 13 0	6,240 5 0	6,792 15 0	6,600 11 0	25,203 12 0	
C	838	78	64	769	38	55	...	6,544 13 0	7,869 14 0	8,737 10 0	9,115 1 0	32,267 6 0	
D	889	145	22	1,006	61	45	1	9,821 10 0	9,674 12 0	10,792 3 0	11,474 3 0	41,762 12 0	
E	329	78	33	441	15	92	...	5,208 4 0	3,872 5 0	3,921 2 0	3,951 14 0	16,953 9 0	
F	76	126	12	66	16	168	...	1,298 2 0	1,245 4 0	1,157 6 0	1,304 12 0	5,005 8 0	
G	66	85	9	61	6	155	...	1,348 3 0	1,180 3 0	1,015 12 0	1,117 5 0	4,661 7 0	
Total ...	3,417	714	367	3,673	200	622	1	36,301 7 0	37,527 0 0	39,923 3 0	41,530 13 0	1,55,282 7 0	

Table XV.

Statement showing $\frac{1}{3}$th Drawback [under Section 158 (2) of the Municipal Act, 1888] allowed for 1897-98.

Wards.	1st Half.		2nd Half.		Total for the Year.			Net Amount of Drawback allowed in the Bills.	Remarks.
	No. of Claims.	Amount.	No. of Claims.	Amount.	No. of Claims.	Total Amount of Drawback.	Drawback not deducted in the Bills, but allowed or refunded or otherwise.		
		Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
A	361	3,595 0 1	449	4,623 3 5	810	8,218 3 6	.....	8,218 3 6	
B	1,508	7,290 2 5	1,656	7,178 8 0	3,164	14,468 10 5	.....	14,468 10 5	
C	1,758	9,098 6 0	2,212	10,601 3 5	3,970	19,699 8 5	.....	19,699 8 5	
D	716	2,544 7 9	881	3,066 10 2	1,597	5,611 1 11	.....	5,611 1 11	
E	1,393	4,167 5 0	1,616	5,173 9 2	3,009	9,340 14 2	.....	9,340 14 2	
F	286	816 8 8	316	791 6 0	602	1,607 14 8	15 15 6	1,591 15 2	
G	271	909 7 10	329	1,035 7 0	600	1,944 14 10	2 7 4	1,942 7 6	
Total ...	6,293	28,421 5 9	7,459	32,469 14 2	13,752	60,891 3 11	18 6 10	60,872 13 1	

Table XVI.

Refunds allowed in 1897-98.

Taxes.	For 1893-94.	For 1894-95.	For 1895-96.	For 1896-97.	For 1897-98.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	.....	24 2 8	90 14 8	3,751 18 4	2,463 13 11	6,306 9 11
Water Tax	.....	790 2 0	91 15 11	4,328 2 5	2,117 11 0	6,562 0 0
Halalkhor Tax	1,290 6 0	.....	708 0 2	3,612 10 8	1,539 14 8	7,941 1 6
Wheel Tax	.....	.....	.....	4 0 0	2 0 0	6 0 0
Notice Fees	.....	.....	.....	.....	.....	.....
Meter Hire	.....	.....	.....	11 0 4	.....	11 0 4
Toll Fees	.....	.....	.....	.....	.....	.....
Total ...	1,290 6 0	814 4 8	890 14 9	11,707 10 9	6,123 7 7	20,826 11 9

Table XVII.

Statement of Receipts from Taxes on Public Land Conveyances and Tolls at Mahim and Sion Causeways.

	For former Years.			For 1897-98.			Total.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Tax on public land conveyances	5	2	0	1,67,984	8	0	1,67,989	10	0
License fee	.....			5,265	8	0	5,265	8	0
Fees for badges	.....			8,880	12	0	8,880	12	0
Toll at Mahim and Sion Causeways received direct in the Chief Accountant's Office...	.....			14,489	14	0	14,489	14	0
Total ...	5	2	0	1,96,120	10	0	1,96,125	12	0

Table XVIII.

Statement of Receipts from Miscellaneous Sources.

Details.	Amount.		
	Rs.	a.	p.
Notice fees	3,976	12	0
Warrant fees	74	4	0
Inspection fees	50	12	0
Battakee fees	1,569	0	0
Duplicate bill fees	31	4	0
Sundries—Copies of office records, &c.	24	0	6
Fees for producing books in the Courts and for supplying information from office records	85	0	0
Miscellaneous receipts, including sale of old records, printed Assessment Books and copies of Drawback Conditions	48	6	0
Meter hire	14,030	9	10
Total ...	19,890	0	4

I.—REVENUE AUDIT.

1.—Assessor and Collector's Department.

(a) *Ward Offices.*

1. The balances and books of the 60 Ward Clerks in the seven wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix A, the totals being transcribed below for ready reference :—

Ward Balances Examined.

On 1st April 1897.		On 1st July 1897.		On 1st Oct. 1897.		On 4th Jan. 1898.		Total.	
No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
	Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
7,760	3,11,172 2 10	29,136	10,33,814 1 11	3,584	1,44,756 0 1	12,036	5,84,458 14 7	45,456	20,74,200 3 5

2. The 45,456 bills for Rs. 20,74,200-3-5 were duly checked in detail with the Ward Office Bill Book, Form 16 (every entry in which was subjected to scrutiny), and in totals, which were themselves tested with the book, kept under para. 9 at page 155 of the Manual, which is practically the Ward Clerk's Ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in detail and in totals respectively.

(b) *Head Office.*

3. The Assessment Book in both its parts—one for the General Tax, and the other for the Water and Halalkhor Taxes—was duly examined, and the exemptions from the payment of the General Tax, the Water Tax, and the Halalkhor Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped

assessment. Appendix B shows the work done in detail, the following being an abstract of its totals :—

Total No. of Properties on the Assessment Book.	Of which number exempted from payment of						Remainder, which pay		
	The General Tax.				The Water Tax.	The Halalkhor Tax.	The General Tax.	The Water Tax.	The Halalkhor Tax.
	Religious and Charitable Institutions.	Properties vesting in or occupied by the Corporation.	Properties of small value, for which no Bills are issued.	Total.					
53,270	1,925	1,314	7,457	10,696	17,251	17,200	42,574	36,019	36,170

4. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the quarterly returns of the Ward Superintendents, and, where necessary, also with the owners' returns, under Section 187, and with the charges made for the preceding quarter. The following table shows the total number of entries so checked for each quarter, Appendix C giving the details for each ward :—

1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
3,499	3,971	4,393	4,782	16,645

5. As the year recognised by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on Public Land Conveyance, licensed by the Commissioner of Police under that Act, was also audited for the twelve months, from 1st January to 31st December 1897, the certificates of issue of licenses supplied by that officer under arrangements made with him having been duly checked with the register now kept by the Chief Accountant instead of by the Superintendent of the Byculla Ward as in former years. The following table shows the work done :—

Description of Public Land Conveyance.	No. of Certificates or Vouchers.	Amount of Revenue, including Fees for Badges, &c.
		Rs. a. p.
Victorias	1,298	34,863 3 0
Riding hackaries or recklas	363	3,893 10 0
Labour carts	4,694	67,482 8 0
Total ...	6,355	1,06,239 5 0

6. Appendix D shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1897-98, the totals being abstracted below :—

1st half of 1897-98.			2nd half of 1897-98.			Totals for the year.		
Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received	Number of claims admitted.	Amount of drawback sanctioned.
		Rs. a. p.			Rs. a. p.			Rs. a. p.
6,232	4,872	28,402 14 11	7,432	5,614	32,469 14 2	13,664	10,486	60,872 13 1

7. The alteration in value and in demand made through the Increase and Decrease Forms 11, 11A, and 11B, were duly checked with the authority for such alterations, as contained in your orders in the Tabulated Ward Report (Form 13), and in separate sanctions recorded in the Audit Note Books kept in this office. Appendix E exhibits the details of the alterations, of which the following are the totals :—

Total number of Increase and Decrease entries in Forms 11, 11A and 11B.	Original Valuation.	Amended or Revised Valuation.	Difference, being net Increase.
1	2	3	4
	Rs.	Rs.	Rs.
6,201	59,40,000	63,64,335	4,24,335

8. The number of complaints against valuations under Section 163 heard by the Revenue and Refund Audit Officer were 546 in C or Bhuleshwar Ward and 420 in E or Byculla Ward, giving a total of 966. The total number of the decisions on complaints against amendments under Section 167 of the Municipal Act, which were scrutinized by this office, amounted to 248 from all the seven wards of the city.

9. Irrecoverable bills for Rs. 636-7-6, as per details given in the subjoined table, were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act :—

Wards.	No. of Bills.	Amount.					
		Tax on Vehicles and Animals.	Property Taxes.	Charges for Water by meter measurement.	Special Halalkhor Tax.	Notice Fee.	Total.
		Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ...	9	109 14 6	...	...	...	...	.....
B ...	9	51 13 3	...	...	...	...	.....
C ...	9	56 11 0	...	...	...	...	.....
D ...	12	33 0 0	225 14 0	...	...	...	.....
E ...	...	...	...	...	...	...	.....
F ...	1	4 0 0	...	...	...	...	.....
G ...	2	...	164 2 9	...	...	...	.....
Total.	42	246 6 9	390 0 9	...	...	...	636 7 6

The Standing Committee sanctioned their being written off in their Resolutions Nos. 3823, 6719, 11679, and 1578, dated 21st July 1897, 20th October 1897, 2nd March 1898, and 18th May 1898, respectively.

10. The preliminary lists of voters under Section 19 for the final Election Roll under Section 21 were duly scrutinized.

11. The demands, collections, and balances of the Department at the close of the year, as duly audited in the manner contemplated by the Manual, are shown in Appendix F in detail, and summarized in the following table.

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	The Tax on Public Land Conveyances, including Badges, &c.	Meter Hire.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I—Total demands as represented by bills issued ...	21,82,915 1 3	18,97,720 0 4	8,32,262 0 0	1,75,803 8 2	1,06,239 5 0	19,528 2 0	47,14,468 0 9
II—Deduct bills recalled, which were either cancelled or for which amended bills were issued	85,006 12 0	49,111 12 6	66,970 11 10	4,623 7 11	.....	4,088 8 2	2,09,806 4 5
III—Net demand for collection	20,97,908 5 3	18,48,608 3 10	7,65,291 4 2	1,71,175 0 3	1,06,239 5 0	15,439 9 10	45,04,661 12 4
IV—(*a*) Collection paid into the Treasury, including Departmental adjustments	20,61,883 14 11	18,06,313 4 4	7,42,670 6 4	1,64,378 7 3	1,06,239 5 0	13,914 9 10	43,95,399 15 8
(*b*) Irrecoverable bills written off	218 15 4	102 0 1	69 1 4	246 6 9	.....	.....	636 7 6
Total of IV ...	20,62,102 14 3	18,06,415 4 5	7,42,739 7 8	1,64,624 14 0	1,06,239 5 0	13,914 9 10	43,96,036 7 2
V—Balance at the close of the year...	35,805 7 0	42,192 15 5	22,551 12 6	6,550 2 9	.....	1,523 0 0	1,08,625 5 2

The collections were checked with receipts passed by the Chief Accountant, as also with his totals under each head, and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1898. They were found to be correct.

2—Engineer's Department.

12. The Revenue Books kept in the Streets and Buildings, Water Works, Drainage, and Special Drainage Branches of the Engineer's Department were duly checked each month with the permits, receipts, vouchers, and other papers supporting the several entries therein, the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the books were all paid into the Municipal Treasury. The following table shows the work carried out in detail :—

	Items.	Number of Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Projections—Verandahs, Balconies, Rewas, Weather Frames, &c.	28	4,325	11	1
2	The erection of Scaffolding, &c., on public land.	168	3,329	6	7
3	Opening Roads	1,758	2,907	0	0
4	Temporary occupation of public streets on marriages and other occasions	526	3,082	0	0
5	Licenses issued to Plumbers	84	840	0	0
6	Licenses issued to Surveyors	32	2,400	0	0
7	Supplying copies of office records and giving evidence, &c.	2,183	137	8	0
8	Sale of Tender forms		605	11	0
9	Sale of rights of catching fish, cutting grass, collecting fruits and drawing toddy, &c. ...		5,195	0	5
10	Hire of Steam-rollers, Carts, &c.		2,277	1	5
11	Ground rents		1,910	12	10
12	Sale of building forms under Section 337 ...		281	0	0
13	Sale of repair forms under Section 342 ...		300	8	0
14	Sale of applications for water connections ...	1,531	350	0	0
15	Sale of right of cutting grass		1,305	0	4
16	Sale of Tender forms		124	0	0
17	Fees for testing water pipes, meter fittings, &c.		732	14	4
18	Meter hire...		581	13	2
	Total...	6,310	30,685	7	2

13. A comparison of the Engineer's accounts, with the Audit Note Book in this office which records your sanction in each case as it passes through this office, showed that in 15 cases the fees, the levy of which had been sanctioned by you in the course of the year under report, had not been collected and paid into the Municipal Treasury up to the close of the year, and these 15 cases were duly brought to the notice of the Executive Engineer in this office No. 426, dated 10th May 1898, which was forwarded to him through you.

3—Health Department.

14. The Revenue books kept in the Health Office were duly checked each month with the receipts, vouchers, and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The following table exhibits in detail the number of receipts or vouchers examined under each head of revenue and the amount of such revenue :—

	Head of Revenue.	Number of Receipts or Vouchers examined.	Amount.
			Rs. a. p.
1	Digging graves	6,663	2,284 6 0
2	Removal of carcasses of animals	5,926	5,855 0 0
3	Supplying copies of office records and giving evidence, &c.	394	471 0 0
4	Rent of Mahalakshmi Dhobiwada	5,400	16,779 0 0
5	Rent of reclamation grounds	596	25,012 6 0
6	Rearing and catching fish, &c.		115 0 0
7	Grazing cattle and cutting grass, &c.		255 0 0
8	Sale of bones, manures, waste papers, &c. ...		1,279 12 0
9	Cleansing drains		1,780 7 1
10	Sale of Tender forms		60 0 0
11	Rent of Mody Bay milch cattle stables ...		4,670 0 0
12	Rent of Kamatipura milch cattle stables ...	817	8,076 12 0
13	Rent of Agripada milch cattle stables ...		3,174 4 0
	Total ...	19,796	69,812 15 1

4—Licensing Department.

15. Appendix G shows the number of licenses for 1897-98, the issue of which was sanctioned by you under Sections 394 and 393 of the Act for the several purposes mentioned in Schedule M, with the amount of fees leviable therefor. Each of 5,415 cases for Rs. 59,578-8-0

therein referred to passed through this office, and was duly scrutinized by it, particularly with reference to the amount of fee leviable. The register of the Superintendent and the counterfoils of the several license books were also checked each month with the Audit Note Book kept in this office, in accordance with your No. 3176 of the 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier, for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury. As in a large majority of cases you sanction the issue of a license after payment of the fee, the registers show no outstanding at the close of the year.

5—Markets and Slaughter-Houses.

16. The registers and accounts kept were duly checked with the counterfoils of receipts issued to stall-holders, &c., and with the other vouchers available. The following tables show the work done :—

Market Revenue.

	Markets.	Number of Receipts or Vouchers examined.	Amount.			Total No. of Receipts or Vouchers examined.	Total Amount.		
			Rs.	a.	p.		Rs.	a.	p.
1	Fort General Market ...	530	6,778	4	0	530	6,778	4	0
2	Arthur Crawford Beef Market	332	9,256	6	8				
	Arthur Crawford Old Fish and Mutton Market ...	476	6,692	9	4				
	Arthur Crawford New Mutton Market...	272	2,803	0	8				
	Arthur Crawford Fruit and Vegetable Market ...	2,280	49,752	10	0				
	Arthur Crawford Godowns...	120	6,212	0	0				
	Arthur Crawford Fowl Rooms	348	3,250	8	0				
						3,828	77,967	2	8
3	Erskine Road Mutton Market	456	6,650	6	8				
	Erskine Road Old Fruit and Vegetable Market... ...	1,812	21,377	2	8				
	Erskine Road New Fruit and Vegetable Market... ...	512	5,049	3	4				
						2,780	33,076	12	8
4	Bhoolcshwar Market ...	668	11,721	2	8	668	11,721	2	8
5	Colaba Market	280	585	6	0	280	585	6	0
6	Pedder Market	160	1,262	0	0	160	1,262	0	0
7	Foras Road Market	272	422	4	0	272	422	4	0
8	Sonapore Pork Market ...	2	100	0	0	2	100	0	0
9	DeLisle Road Sheep Market.	100	5,985	0	0	100	5,985	0	0
	Total ...	8,620	1,37,898	0	0	8,620	1,37,898	0	0

Other Revenue.

	Items.	Number of Receipts or Vouchers examined.	Amount.		
			Rs.	a.	p.
1	Squatters' Fees collected departmentally ...	.....	2,423	7	6
2	Squatters' Fees collected from contractors ...	72	22,745	0	0
3	Scale Fees at the Arthur Crawford Market ...	4	4,100	0	0
4	Fair ground rent and feeding fees at Bandora ...	12	54,200	0	0
5	Slaughter Fees	365	1,28,679	8	0
6	License Fees from Butchers, Private Market Owners, &c.	3,971	15,909	0	0
7	Verifying Weights and Measures	993	1,817	4	0
8	Ground Rent...		72	0	0
9	Chawl Rent		2,138	0	0
10	Revenue from Toddy Trees...		40	0	0
11	Prices current		156	10	6
12	Garden Produce	730	24	1	0
13	Sale Proceeds of Meat or Animals...		25	9	0
14	Contribution from Private Market Owners ...		258	0	0
15	Sale Proceeds of Manure		77	10	0
16	Fees for producing office records, &c.		10	0	0
	Total ..	6,147	2,32,676	2	0

The total number of vouchers was 14,767 for Rs. 3,70,574-2-0. The total revenue collected appears duly credited in the Chief Accountant's books.

6—Victoria Gardens.

17. The Revenue books kept in the Superintendent's office were duly checked with the counterfoils of receipts issued for the sale of Garden Produce. The following table shows the work done in detail :—

Sale Proceeds of Garden Produce.

	Items.	No. of Receipts or Vouchers.	Amount.		
			Rs.	a.	p.
1	Flowers	2,177	1,703	5	3
2	Plants	463	1,831	3	4
3	Leaves	352	136	2	0
4	Seeds	88	133	0	0
5	Fruits	14	7	11	6
6	Miscellaneous	68	1,067	3	2
	Total ...	3,162	4,878	9	3

The total revenue collected appears duly credited in the Chief Accountant's books.

7—General.

18. As the monthly or quarterly audit of the several departments proceeded, the errors, irregularities, or omissions, which were discovered in the course of it, were brought to the notice of the heads of departments concerned by means of official communications addressed to them through you.

II—REFUND AUDIT.

1—Assessment Department.

19. The subjoined table shows the number and amount of claims to refund for vacancy under Sections 174 to 179 of the Act, and on account of over-collections which were scrutinized and sanctioned by this office in the year under report :—

Wards.	Number of Claims.	Amount of Refund sanctioned.
		Rs. a. p.
A—Fort and Colaba	136	4,894 9 10
B—Mandvi	248	3,023 5 6
C—Bhuleshwar	264	3,030 2 9
D—Girgaum	108	2,149 15 8
E—Byculla	153	2,730 1 4
F—Parel	59	1,308 0 9
G—Mahim	50	3,530 1 7
Total ...	1,018	20,666 5 5

The sum of Rs. 20,666-5-5 shown in the above table was sanctioned under the following heads of Revenue :—

Items.	Amount. Rs. a. p.
General Tax	6,236 8 11
Water Tax	6,520 1 7
Halalkhor Tax	7,903 10 11
Vehicle and Animal Tax... ...	6 0 0
Toll Fees...	.....
Meter Hire	.....
Process Fees	.....
Total Rs. ...	20,666 5 5

2—Town Duty Refunds.

20. As the Port Trustees and the two Railway Companies send in no Administration reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this office to submit the two statements (compiled in respect of collections from figures supplied by

the Chief Accountant) marked as Appendices H and I to this report. The following table compares the total results for the year under report with those for the preceding year :—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1896-97	15,30,411 2 1	7,86,771 1 0	7,43,640 1 1
1897-98	17,29,760 15 7	7,37,804 5 0	9,91,956 10 7

21. From the detailed Statements H and I it will be seen that the gross collections show increases over the previous year under the heads of flour, sugar, wines and sprits, beer, timber and firewood, notably sugar, while the gross receipts from grain and ghee have fallen off somewhat. The refunds on the other hand have increased under the heads of wines and spirits and timber, and have fallen off under those of grain, flour, sugar, beer and ghee, while the net revenue shows an increase under every head, principally sugar. As the rates of duty leviable in the year under report were the same as those in the previous year, all the above variations are referable exclusively to corresponding expension or diminution in each case in the volume of imports or exports. Thus, with an increase of Rs. 1,99,349-13-6 in the gross collections, coupled with a decrease of Rs. 48,966-12-0 in the refunds, the year under report has witnessed the satisfactory result of the net revenue being better than that of the previous year by Rs. 2,48,316-9-6.

22. The total amount of refunds claimed during the year was Rs. 7,67,425-5-0, of which sum Rs. 29,621-0-0 were retrenched as follows :—

	Rs. a. p.
On account of claims legally inadmissible	4,904 12 0
Excess of amounts claimed over those actually due	24,716 4 0
Total Rs. ...	29,621 0 0

23. The number of claims disposed of during the year was 28,072 (against 27,701 in the previous year), which gives an average of nearly 102 claims per every working day in the year.

Conclusion.

24. In addition to the above, the office had to deal with correspondence of all departments affecting revenue which passes through this office and with questions of principles relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which were respectively 3,777 and 4,126 in the year under report.

Appendix A.

STATEMENT of Balances examined quarterly during 1897-98.

No. of Ward Clerks.	Wards.	Balances examined on 1st April 1897.		Balances examined on 1st July 1897.		Balances examined on 1st October 1897.		Balances examined on 4th January 1898.		Total Balance examined during the year 1897-98.	
		No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
9	A—Fort and Colaba ...	2,070	96,024 12 10	4,770	3,20,747 12 10	1,079	49,896 4 11	2,473	2,00,349 5 9	10,392	6,67,018 4 4
10	B—Mandvi	992	40,180 3 1	3,703	3,10,814 15 0	109	3,092 3 6	2,109	1,09,773 0 4	6,912	3,63,860 5 11
12	C—Bhuleshwar ...	1,823	69,416 7 3	5,588	2,38,996 11 5	567	18,707 9 7	2,683	1,06,611 9 11	10,661	4,33,732 6 2
7	D—Girgaum	1,008	37,115 4 10	2,637	1,01,196 12 9	691	17,649 2 3	1,781	72,011 10 1	6,017	2,27,972 13 11
12	E—Byculla	925	39,842 5 4	2,222	99,103 8 11	628	27,515 11 1	1,295	66,216 1 7	5,070	2,32,677 10 11
5	F—Parel	280	14,874 11 0	1,095	27,441 5 2	176	16,813 2 1	375	12,870 1 0	1,926	71,999 3 3
5	G—Mahim	602	13,718 6 6	2,122	35,512 15 10	434	11,080 14 8	1,320	16,627 1 11	4,478	76,939 6 11
60	Total ...	7,700	3,11,173 2 10	22,136	10,33,814 1 11	3,584	1,44,755 0 1	12,036	5,84,458 14 7	45,456	20,74,200 3 5

Appendix B.

STATEMENT showing the Number of Exemptions checked during 1897-98.

Wards.	Total No. of Properties in Form I, the General Tax Book.	OF WHICH NUMBER EXEMPTED FROM THE PAYMENT OF						REMAINDER, BEING NUMBER WHICH PAY		
		The General Tax.				The Water Tax.	The Halalkhor Tax.	The General Tax.	The Water Tax.	The Halalkhor Tax.
		No. of Religious and Charitable Institutions.	No. of Properties vesting in and occupied by the Corporation.	No. of Properties of small value for which no bills are issued.	Total.					
A—Fort and Colaba....	4,742	150	163	*Nil.*	313	1,163	1,332	4,429	3,579	3,410
B—Mandvi	6,346	183	106	2	291	980	1,072	6,055	5,366	5,274
C—Bhuleshwar ...	8,750	645	154	6	805	532	552	7,945	8,218	8,198
D—Girgaum ...	5,019	296	73	13	382	743	701	4,637	4,276	4,318
E—Byculla	9,477	363	407	56	826	1,682	1,544	8,651	7,795	7,933
F—Parel	9,644	183	214	4,785	5,182	7,106	7,004	4,462	2,538	2,640
G—Mahim	9,292	105	197	2,595	2,897	5,045	4,995	6,395	4,247	4,397
Total ...	53,270	1,925	1,314	7,457	16,696	17,251	17,200	42,574	36,019	36,170

Appendix C.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked with the Quarterly Returns and Forms VI and VIII.

Ward.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total No. of entries.
A—Fort and Colaba ...	716	846	925	1,021	3,508
B—Mandvi	477	589	698	770	2,534
C—Bhuleshwar ...	821	926	1,039	1,098	3,884
D—Girgaum ...	716	762	812	876	3,166
E—Byculla	394	438	472	514	1,818
F—Parel	201	231	256	281	969
G—Mahim	174	179	191	222	766
Total ...	3,499	3,971	4,393	4,782	16,645

Appendix D.

STATEMENT of One-fifth Drawback Cases scrutinized during 1897-98.

Ward.	1st half of 1897-98.			2nd half of 1897-98.			Total for the year.		
	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.	Number of claims received.	Number of claims admitted.	Amount of drawback sanctioned.
			Rs. a. p.			Rs. a. p.			Rs. a. p.
A—Fort and Colaba.	356	306	3,595 0 1	450	386	4,623 3 5	806	692	8,218 3 6
B—Mandvi	1,487	1,189	7,290 2 5	1,648	1,172	7,178 8 0	3,135	2,361	14,468 10 5
C—Bhuleshwar ...	1,741	1,429	9,098 6 0	2,192	1,735	10,601 2 5	3,933	3,164	19,699 8 5
D—Girgaum ...	716	538	2,544 7 9	881	620	3,066 10 2	1,597	1,158	5,611 1 11
E—Byculla	1,375	1,022	4,167 5 0	1,616	1,259	5,173 9 2	2,991	2,281	9,340 14 2
F—Parel	284	204	800 9 2	316	223	791 6 0	600	432	1,591 15 2
G—Mahim	273	184	907 0 6	329	214	1,035 7 0	602	398	1,942 7 6
Total ...	6,232	4,872	28,402 14 11	7,432	5,614	32,469 14 2	13,664	10,486	60,872 13 1

Appendix E.

STATEMENT of Alterations in Valuation and in Demand checked by this Office during 1897-98.

Wards.	Total number of Increase and Decrease entries in Forms 11, 11A, and 11B.	Original valuations.	Revised valuations.	Difference.	
				Increase.	Decrease.
		Rs.	Rs.	Rs.	Rs.
A—Fort and Colaba ...	999	16,98,833	18,02,584	1,03,746	.....
B—Mandvi	955	10,18,632	9,75,751	.....	42,881
C—Bhuleshwar... ...	1,491	13,24,126	14,76,791	1,52,665	.....
D—Girgaum	563	3,98,921	4,59,358	60,437	.....
E—Byculla	1,053	7,67,642	7,94,617	26,975	.....
F—Parel...	384	3,13,158	3,44,831	31,673	.....
G—Mahim	756	4,18,683	5,10,403	91,720	.....
Total ...	6,201	59,40,000	63,64,335	4,67,216	42,881

Appendix F.

STATEMENT showing the Demands, Collections, and Outstandings for 1897-98 checked by the Revenue and Refund Audit Offices.

WARDS.	Total Demands as represented by Bills issued.					Bills received which were either suspended or for which amended bills were issued.					Net demand for collection.					Collections paid into the Treasury including Departmental Adjustments.	Irrecoverable Bills written off.				Balance at the close of the year.				
	General Tax.	Water Tax.	Hackney Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Hackney Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Hackney Tax.	Vehicle and Animal Tax.	Total.		General Tax.	Water Tax.	Hackney Tax.	Vehicle and Animal Tax.	Total.	General Tax.	Water Tax.	Hackney Tax.	Vehicle and Animal Tax.	Total
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A ...	6,77,183 4 11	4,55,139 0 7	1,36,674 0 0	33,888 0 11	13,02,885 0 5	82,688 0 10	19,811 10 3	9,918 0 10	2,664 0 11	1,15,082 0 10	5,94,495 3 1	4,35,327 9 4	1,26,756 0 6	31,223 0 0	11,87,803 0 11	5,79,980 3 9	80,664 0 0	13,939 10 3	2,505 0 10	97,109 3 10	13,514 0 1	74,843 6 7	15,811 0 0	2,419 15 1	1,07,088 5 9
B ...	8,61,125 12 6	1,71,416 12 0	1,23,689 0 0	37,268 0 0	11,93,497 0 6	9,629 7 7	2,772 6 11	2,332 0 0	844 12 0	15,581 1 7	8,51,496 4 11	1,68,644 5 1	1,21,357 0 0	36,423 12 0	11,77,916 6 0	1,09,128 11 6	69,660 12 0	8,46,960 0 0	1,70,911 0 0	11,96,660 12 6	94 12 0	94 12 0	7,648 5 6	941 1 1	8,690 3 7
C ...	4,47,884 14 0	1,20,604 1 7	1,75,787 0 0	20,847 12 0	8,65,124 3 7	6,782 2 6	4,688 10 10	6,202 1 1	960 10 0	17,633 12 5	4,39,102 11 6	1,15,915 11 7	1,69,584 0 0	19,886 2 0	8,47,488 10 1	1,08,434 0 0	30,668 1 0	3,03,114 0 0	5,64,264 1 0	9,06,046 2 0	68 11 0	68 11 0	8,667 11 6	5,200 0 7	13,868 12 1
D ...	3,61,647 6 10	1,49,125 14 0	1,86,710 14 10	46,208 0 0	8,43,491 4 8	2,021 14 0	2,010 11 0	10,974 10 0	1,411 10 0	16,418 11 0	3,59,625 12 10	1,47,114 3 0	1,75,736 4 10	44,796 6 0	8,27,272 12 8	2,50,103 14 0	1,04,422 0 0	4,71,660 0 0	1,01,102 14 0	8,27,188 14 0	1,04 14 0	2,08 14 0	8,08 0 0	3,84 14 0	8,97 12 0
E ...	2,83,254 4 0	3,09,960 14 0	1,25,308 12 0	12,363 11 0	7,30,887 13 0	11,980 2 2	2,188 10 0	81,027 2 0	820 2 0	96,016 0 10	2,71,247 1 7	2,86,772 11 0	1,11,281 9 11	11,543 9 0	6,80,844 13 6	1,30,550 2 0	2,72,781 10 0	.....	.....	4,03,331 12 0	8,024 11 1	3,24,751 3 0	1,49,188 14 0	1,25,308 12 0	23,907 11 0	6,23,156 14 1
F ...	89,204 14 0	98,774 12 0	71,047 2 0	2,084 0 0	2,61,110 12 0	7,662 2 11	2,240 14 10	8,210 12 10	80 0 0	18,193 12 9	81,542 4 7	96,533 4 1	62,836 2 0	2,004 0 0	2,42,915 10 8	1,73,880 12 0	.....	.....	4 0 0	4 0 0	0 0 0	7,537 2 0	2,240 14 0	8,210 12 10	2,084 0 0	18,072 12 10
G ...	3,31,172 2 1	1,84,547 6 4	40,410 0 0	8,813 11 0	5,63,943 13 5	8,894 12 0	2,202 14 0	25,102 14 0	772 11 0	36,972 4 0	3,22,277 6 1	1,82,344 8 4	15,307 2 0	8,040 12 0	5,26,969 12 5	2,74,992 0 0	56 11 0	69 14 0	25 8 7	.....	151 9 7	8,294 9 1	2,202 14 0	25,102 14 0	8,040 12 0	43,640 3 1
Total...	31,82,815 1 9	18,87,750 0 4	8,21,263 0 0	3,74,868 8 8	62,66,696 10 1	49,511 12 5	38,905 11 10	4,852 2 11	6,39,717 15 8	7,90,787 2 10	1,71,176 0 0	42,62,962 12 8	63,75,240 0 10	515 14	1,07 6 1	89 1 6	240 0 0	686 7 0	21,606 7 0	43,09,16 4	29,551 12 0	6,240 7 1	2,07,550 4 7
Meter Rice ...	.....	.....	19,408 2 0	.....	19,408 2 0	.....	.....	4,852 2 0	.....	4,852 2 0	.....	.....	14,556 0 0	.....	14,556 0 0	13,654 0 10	.....	.....	.....	.....	.....	902 0 2	.....	.....	.....	902 0 2
Tax on Profits and Con-veyances.	.....	.....	1,02,855 4 8	.....	1,02,855 4 8	.....	.....	.....	.....	.....	.....	.....	1,02,855 4 8	.....	1,02,855 4 8	1,02,855 4 8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	31,82,815 1 9	18,87,750 0 4	9,43,526 0 0	3,74,868 8 8	64,14,960 0 9	49,511 12 5	38,905 11 10	9,705 0 11	6,39,717 15 8	7,98,091 4 10	1,71,176 0 0	42,62,962 12 8	64,90,652 13 2	515 14	1,07 6 1	89 1 6	240 0 0	686 7 0	21,606 7 0	43,09,16 4	29,551 12 0	7,142 7 1	2,07,550 4 7	1,24,815 4 2

Appendix G.

STATEMENT showing the Licenses for 1897-98, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Municipal Act.

TRADE.	No. of Licenses, the issue of which was sanctioned by the Commissioner.				Deduct No. of Licenses for 1897-98, since cancelled by the Commissioner.		REMAINDER.	
	In 1897-98.		In 1898-99 for 1897-98.		Total.			
	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.	No. of Licenses.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Bones	5	75 0 0	.....	.....	5	75 0 0	.....	.....	5	75 0 0
Bricks (Hand-made)	17	170 0 0	.....	.....	17	170 0 0	.....	.....	17	170 0 0
Candles	2	10 0 0	.....	.....	2	10 0 0	.....	.....	2	10 0 0
China Grass, Cocoanut Fibres, Flax, Hemp, Jute, and Tow	29	375 0 0	2	30 0 0	31	405 0 0	.....	.....	31	405 0 0
Charcoal	120	600 0 0	.....	.....	120	600 0 0	.....	.....	120	600 0 0
Coal and Coke	62	890 0 0	1	10 0 0	63	900 0 0	.....	.....	63	900 0 0
Cloths in Indigo	41	820 0 0	.....	.....	41	820 0 0	.....	.....	41	820 0 0
Cloths in other Colours	159	795 0 0	1	5 0 0	160	800 0 0	.....	.....	160	800 0 0
Chemical Preparations	54	1,800 0 0	.....	.....	54	1,800 0 0	.....	.....	54	1,800 0 0
Cotton and Cotton Refuse or Seed	156	2,340 0 0	.....	.....	156	2,340 0 0	.....	.....	156	2,340 0 0
Dammer, Tar, or Pitch	30	300 0 0	.....	.....	30	300 0 0	.....	.....	30	300 0 0
Fat and Tallow	12	180 0 0	.....	.....	12	180 0 0	.....	.....	12	180 0 0
Fins	12	180 0 0	.....	.....	12	180 0 0	.....	.....	12	180 0 0
Fish (Dried)	22	470 0 0	.....	.....	22	470 0 0	.....	.....	22	470 0 0
Fireworks (Retail)	146	730 0 0	.....	.....	146	730 0 0	.....	.....	146	730 0 0
Fireworks (Wholesale)	14	450 0 0	.....	.....	14	450 0 0	.....	.....	14	450 0 0
Firewood (Retail)	284	568 0 0	2	4 0 0	286	572 0 0	.....	.....	286	572 0 0
Firewood (Wholesale)	654	7,260 0 0	8	85 0 0	662	7,345 0 0	.....	.....	662	7,345 0 0
Gas	2	100 0 0	.....	.....	2	100 0 0	.....	.....	2	100 0 0
Gunpowder or Blasting Powder (Retail)	26	130 0 0	.....	.....	26	130 0 0	.....	.....	26	130 0 0
Gunpowder or Blasting Powder (Wholesale)	14	700 0 0	.....	.....	14	700 0 0	.....	.....	14	700 0 0
Hides and Skins (Raw) (Tannery)	14	700 0 0	.....	.....	14	700 0 0	.....	.....	14	700 0 0
Hides and Skins (Dried)	20	300 0 0	.....	.....	20	300 0 0	.....	.....	20	300 0 0
Horns and Hoofs	32	695 0 0	.....	.....	32	695 0 0	.....	.....	32	695 0 0
Hay, Straw, and Grass	158	4,100 0 0	6	140 0 0	164	4,240 0 0	.....	.....	164	4,240 0 0
Kerosine Oil (Retail)	1,125	5,625 0 0	1	5 0 0	1,126	5,630 0 0	.....	.....	1,126	5,630 0 0
Kerosine Oil (Wholesale)	22	2,200 0 0	.....	.....	22	2,200 0 0	.....	.....	22	2,200 0 0

TRADE.	No. of Licenses, the issue of which was sanctioned by the Commissioner: In 1897-98. No. of Licenses.	Amount. Rs. a. p.	In 1898-99 for 1897-98. No. of Licenses.	Amount. Rs. a. p.	Total. No. of Licenses.	Amount. Rs. a. p.	Deduct No. of Licenses for 1897-98, since cancelled by the Commissioner. No. of Licenses.	Amount. Rs. a. p.	REMAINDER. No. of Licenses.	Amount. Rs. a. p.
Lime for Burning (Lime Kiln) ...	13	650 0 0	.....	.....	13	650 0 0	.....	.....	13	650 0 0
Matches (Retail)	76	380 0 0	2	10 0 0	78	390 0 0	.....	.....	78	390 0 0
Matches (Wholesale)	9	90 0 0	.....	.....	9	90 0 0	.....	.....	9	90 0 0
Metals (Casting)	184	1,550 0 0	.....	.....	184	1,550 0 0	.....	.....	184	1,550 0 0
Oils, Vegetable, manufactured or prepared otherwise than by Mechanical Power	124	790 0 0	.....	.....	124	790 0 0	.....	.....	124	790 0 0
Oils, Vegetable, manufactured or prepared by Mechanical Power ...	2	75 0 0	.....	.....	2	75 0 0	.....	.....	2	75 0 0
Oils, Vegetable or Animal, (Storing)...	246	3,719 0 0	1	10 0 0	247	3,729 0 0	.....	.....	247	3,729 0 0
Liquids coming under the head of Petroleum (Retail)	16	74 0 0	.....	.....	16	74 0 0	.....	.....	16	74 0 0
Liquids coming under the head of Petroleum (Wholesale)	4	100 0 0	.....	.....	4	100 0 0	.....	.....	4	100 0 0
Paper	1	15 0 0	.....	.....	1	15 0 0	.....	.....	1	15 0 0
Pottery	26	130 0 0	.....	.....	26	130 0 0	.....	.....	26	130 0 0
Rags	2	30 0 0	.....	.....	2	30 0 0	.....	.....	2	30 0 0
Rangoon or Burmah Oil	5	27 8 0	.....	.....	5	27 8 0	.....	.....	5	27 8 0
Rosin	11	55 0 0	.....	.....	11	55 0 0	.....	.....	11	55 0 0
Saltpetre...	16	80 0 0	.....	.....	16	80 0 0	.....	.....	16	80 0 0
Sulphur (Retail)	40	200 0 0	.....	.....	40	200 0 0	.....	.....	40	200 0 0
Sulphur (Wholesale)	12	180 0 0	.....	.....	12	180 0 0	.....	.....	12	180 0 0
Silk	22	110 0 0	.....	.....	22	110 0 0	.....	.....	22	110 0 0
Soap	12	180 0 0	.....	.....	12	180 0 0	.....	.....	12	180 0 0
Stables for Horses	105	2,790 0 0	.....	.....	105	2,790 0 0	4	135 0 0	101	2,655 0 0
Stables for Milch Cattle	92	3,220 0 0	.....	.....	92	3,220 0 0	.....	.....	92	3,220 0 0
Stables for Bullocks	60	625 0 0	.....	.....	60	625 0 0	.....	.....	60	625 0 0
Tiles (Hand-made)	1	5 0 0	.....	.....	1	5 0 0	.....	.....	1	5 0 0
Timber	775	6,930 0 0	4	45 0 0	779	6,975 0 0	.....	.....	779	6,975 0 0
Turpentine (Retail)	106	530 0 0	.....	.....	106	530 0 0	.....	.....	106	530 0 0
Turpentine (Wholesale)	8	120 0 0	.....	.....	8	120 0 0	.....	.....	8	120 0 0
Wool	98	1,470 0 0	.....	.....	98	1,470 0 0	.....	.....	98	1,470 0 0
Waste Paper	36	36 0 0	.....	.....	36	36 0 0	.....	.....	36	36 0 0
Storing Skins (Raw) and Wool, &c....	36	2,340 0 0	.....	.....	36	2,340 0 0	.....	.....	36	2,340 0 0
Steam Whistles used in Mills ...	17	170 0 0	.....	.....	17	170 0 0	.....	.....	17	170 0 0
Total ...	5,387	59,234 8 0	28	344 0 0	5,415	59,578 8 0	4	135 0 0	5,411	59,443 8 0

Appendix H.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1896-97 and 1897-98.

Name of Article.	COLLECTIONS.				REFUNDS.								NET-REVENUE.			
	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.	1896-97. On account of Exports.	1896-97. On account of Articles supplied to Government.	1896-97. Total.	1897-98. On account of Exports.	1897-98. On account of Articles supplied to Government.	1897-98. Total.	Increase in 1897-98.	Decrease in 1897-98.	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain @ As. 2 per Candy	2,07,748 15 0	1,92,672 11 8	.....	14,926 3 4	74,476 4 0	.....	74,476 4 0	48,470 11 0	.....	48,470 11 0	.....	26,005 9 0	1,34,428 3 0	1,38,915 16 8	14,487 13 8	
Flour @ As. 1½ per Candy.....	23 14 0	84 1 0	70 3 0	.....	8,918 7 0	.....	8,918 7 0	5,580 2 0	.....	5,580 2 0	.....	3,338 5 0				
Sugar @ As. 8 per Cwt.	7,68,920 3 6	9,55,112 8 0	1,86,192 4 6	.....	6,09,325 9 0	.....	6,09,325 9 0	6,04,627 8 0	.....	6,04,627 8 0	.....	7,698 1 0	1,59,594 10 6	3,53,485 0 0	1,93,890 5 6	
Wines and Spirits @ As. 4 per Impl. Gallon	2,15,751 2 5	2,81,963 2 10	16,212 0 6	.....	16,382 10 0	55 4 0	16,440 14 0	16,887 4 0	38 11 0	16,925 15 0	485 1 0	.....	1,99,310 4 5	2,15,037 3 10	15,726 15 5	
Beer @ pies 8 per Impl. Gallon..	26,680 6 9	27,069 9 8	388 2 11	.....	17,533 2 0	.....	17,533 2 0	15,768 4 0	.....	15,768 4 0	.....	1,774 14 0	9,147 4 9	11,310 5 8	2,163 0 11	
Ghee @ As. 8 per B'bay Maund.	1,79,565 5 3	1,75,834 10 9	.....	3,730 10 6	44,454 8 0	.....	44,454 8 0	32,077 8 0	.....	32,077 8 0	.....	12,377 0 0	1,35,110 13 3	1,43,757 2 9	8,646 5 6	
Timber @ 2½ per cent. on Market Value.....	1,05,053 5 2	1,11,645 0 8	6,591 11 6	.....	15,622 5 0	.....	15,622 5 0	17,364 5 0	.....	17,364 5 0	1,742 0 0	.....	89,431 0 2	94,280 11 8	4,849 12 6	
Firewood @ Anna 1 per Candy...	26,617 14 0	34,670 3 0	8,052 5 0	.....	.....	.....	.....	....	.....	.....	.....	.....	26,617 14 0	34,670 3 0	8,052 5 0	
Total..Rs			9,18,006 11 4	18,656 13 10							2,227 1 0	51,193 13 0				
			18,656 13 10	.....							.....	2,227 1 0				
Total..Rs.	15,30,411 2 1	17,29,760 15 7	1,99,349 13 6	.....	7,86,712 13 0	58 4 0	7,86,771 1 0	7,37,765 10 0	38 11 0	7,37,804 5 0		48,966 12 0	7,43,640 1 1	9,91,956 10 7	2,48,316 9 6	

Appendix I.

STATEMENT contrasting the Imports, Exports, and Balance of the several Articles subjected to Town Duty during the year 1897-98 with those for 1896-97.

Name of Article.	IMPORTS.				EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
					1896-97.			1897-98.								
	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.	Exports.	Supplied to Government.	Total.	Exports.	Supplied to Government	Total.	Increase in 1897-98.	Decrease in 1897-98.	1896-97.	1897-98.	Increase in 1897-98.	Decrease in 1897-98.
Grain @ As. 2 per Candy .....Candies	16,62,391	15,42,982	..	1,19,409	5,95,810	..	5,95,810	3,87,765	..	3,87,765	..	2,08,045	9,40,081	10,77,193	1,37,112	..
Flour @ As. 1½ per Candy..... „	256	1,003	748	..	95,130	..	95,130	59,521	..	59,521	..	35,609				
Sugar @ As. 8 per Cwt..... Cwts.	15,37,840	19,10,235	3,72,395	..	12,18,651	..	12,18,651	12,03,255	..	12,03,255	..	15,396	3,19,189	7,06,970	3,87,781	..
Wines and Spirits @ As. 4 per Impl. Gallon .....Gallons.	8,63,004	9,27,853	64,849	..	65,530	233	65,763	67,549	155	67,704	1,941	..	7,97,241	8,60,149	62,908	..
Beer @ ales 6 per Impl. Gallon.. „	8,53,773	8,82,195	28,422	..	5,61,060	..	5,61,060	5,04,264	..	5,04,264	..	56,796	2,92,713	3,77,931	85,218	..
Ghee @ As. 8 per B'bay Maund..Maunds.	3,59,131	3,51,669	..	7,462	88,909	..	88,909	64,155	..	64,155	..	24,754	2,70,222	2,87,514	17,292	..
Timber @ 2½ per cent. on Market value .....Value Rs.	42,02,133	44,65,802	2,63,669	..	6,24,893	..	6,24,893	6,94,572	..	6,94,572	69,679	..	35,77,240	37,71,230	1,93,990	..
Firewood @ Anna 1 per Candy..Candies..	4,26,886	5,54,723	1,28,837	..		..			..		..	..	4,26,886	5,54,723	1,28,837	..

PUBLIC WORKS.

A.—Introductory Remarks	Page	294
B.—New Works, General	,,	296
C.—Drainage Works	,,	332
D.—Water Works	,,	359
E.—Regulation of Streets and Buildings	,,	408
F.—Roads, Footpaths, &c.	,,	435
G.—Public Lighting	,,	441
H.—Workshops	,,	444
I.—General—Contracts, Rights sold, Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations, Municipal Properties, and Municipal Servants Act	,,	453
J.—Special Drainage Works	,,	559
K.—Fire Brigade	,,	593
L.—Gardens	,,	634
M.—Victoria and Albert Museum	,,	640

Note.—The Report on Public Works—**A** to **I**—is by M. C. Murzban, Esq., C.I.E., F.R.I.B.A., M.INST.C.E., Executive Engineer, Municipality, forwarded with his letter No. 7628, dated 20th August 1898.

The Report on Special Drainage Works—**J**—is by J. W. Smith, Esq., M.INST.C.E., Special Drainage Engineer, forwarded with his letter No. S. D. 468, dated 21st June 1898.

The Report on Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 427, dated 12th July 1898.

The Report on Gardens—**L**—is by C. D. Mahaluxmivala, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 207, dated 18th May 1898.

The Report on the Victoria and Albert Museum—**M**—is by the Secretary and Curator, Dr. MacDonald, M.D., B.SC., C.M., forwarded with his letter No. 115, dated 10th May 1898.

No. 7628 of 1898-99.

Executive Engineer's Office,

Bombay, 20*th August* 1898.

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Sir,

I have the honour to forward herewith the Administration Report of the Department under my control for the year 1897-98, as requested in your No. 300, dated 5th April 1898.

2. The report is divided under the following heads :—

	Paras.
A.—Introductory Remarks	3 to 7
B.—New Works, &c., General.....	8 to 112
C.—Drainage Works	113 to 261
D.—Water Works	262 to 346
E.—Regulation of Streets and Buildings	347 to 368
F.—Roads, Footpaths, &c.	369 to 383
G.—Public Lighting.....	384 to 399
H.—Workshops	400 to 433
I.—General—Contracts, Rights Sold, Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations, Municipal Properties and Municipal Servants Act	434 to 467

A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. I held the appointment of Executive Engineer, Municipality, throughout the year.

4. Mr. C. C. JAMES, A.M.I.C.E., Deputy Executive Engineer, Water Works, and Acting Deputy Executive Engineer, Drainage, having been placed on special duty as a member of the Plague Committee, from the 2nd March 1897, Mr. JAMES W. SMITH, M.I.C.E., took up the duties of Deputy Executive Engineer, Drainage, in addition to those of Special Drainage Engineer ; and Mr. E. W. FERN has been appointed temporarily as Superintendent of Drainage from 4th November 1897, to assist Mr. SMITH in the duties of Deputy Executive Engineer.

5. I have to record with deep regret the death, which took place on the 27th July 1897, of my Deputy, Mr. HOWARD NEWTON, M.I.C.E., who was in charge of the Water Branch of my Department.

6. Mr. N.D. BHADA, L.C.E., A.M.I.C.E., was thereafter appointed to act as Deputy Executive Engineer, Water Works, until the arrival of Mr. A. FAIRLIE BRUCE, M.I.C.E., who has been appointed to act as Deputy Executive Engineer, on the 17th December 1897.

7. There has not been any important changes in the other subordinate charges, during the year under review.

B.

NEW WORKS, &c., GENERAL.

MUNICIPAL BUILDINGS, NEW ROADS, &c.

Construction and Repairs.

NEW WORKS, GENERAL—	Paras.
Works completed during the previous years, but the accounts of which remained unadjusted till the commencement of the year	8
Works which were in progress at the beginning of the year and completed during the year	8
Works which were commenced and completed during the year	8
Works which were commenced but not completed during the year	8
Works which have been sanctioned but not proceeded with or postponed during the year	8
FIRE BRIGADE STATIONS—	
Stations completed up to the end of the year 1897-98	8, 10 to 12
Gamdevi Station	8 & 13
Sankli Tank Station	8, 14 to 17 & 111
MUNICIPAL MARKETS, STABLES, GODOWNS, &c.—	
Bhuleshwar Market and Schools	8 & 18
Temporary market at Fergusson Road ...	8, 19 to 22
Filling in the quarry holes near the Railway Station at Bandora	8, 23 to 30
Construction of two additional sheds for sheep and goats at the Bandora Slaughter-houses	8, 31 to 33

	Paras.
Putting the Cattle Inspection Sheds in the Bandora Slaughter-houses in proper condition	8, 34 to 36
Extension of Beef Slaughter-house ...	8
Health Department Bullock Stable in Ward E, near the Victoria Gardens	8
Lengthening the existing projecting roof on the west end of the Health Department Milch-cattle Stable, Cochin Street ...	111
Constructing a teakwood joist flooring in the Kerosine Oil Godown at Bellasis Bridge Pipe Depôt	111
Construction of a shed to accommodate 14 cattle at the Bandora Slaughter-houses...	111
CHALS, QUARTERS AND OFFICES FOR MUNICIPAL EMPLOYES, &c.—	
Making improvements to the five chals occupied by butchers, peons and bigaris of the Bandora Slaughter-houses ...	8, 37 & 38
Additions and alterations to the chal at Dadar.	8, 53 to 56
Bathing places at the old bigaris chal at Palton Road	111
Quarters for the Chief Inspector of Water Works	8, 39 to 42
Quarters for Sluicemen of Water Works ...	8, 39 to 42
Quarters for the Animal Keepers in the Victoria Gardens	8, 43 & 44
Quarters for malees in the Victoria Gardens...	8, 45 to 47
Quarters for the Head Animal Keeper in the Victoria Gardens	8, 48 to 52
Quarters for Sweepers in Ward E, near the Victoria Gardens	8
Quarters for Watchmen and Sluicemen at the Malabar Hill Reservoir	8
Quarters for Watchmen and Sluicemen at the Bhandarwada Reservoir	8

	Paras.
Additional windows at the Laskars' quarters of the Gowalia Tank Fire Brigade Station	111
Alterations in quarters occupied by the Assistant Superintendent, Bandora Slaughter-houses	111
Office for the staff of the Victoria Gardens ...	8
Ward Office at Gamdevi, for the Executive Engineer's Department	8, 57 to 59
Canvas curtains to the arches on the east side, on second floor of the Municipal Office ...	111
Extension of sheds at Chinchpokli Stores ...	111
Chowkies for Cemetery Karkuns	111
THE NASSERWANJEE MANECKJEE PETIT PUBLIC HALL.	60 to 68
NEW ROADS, &c.—	
Reay Road	8, 69 to 74
Victoria Road Extension	8 & 75
Road from Dongri Street, across Nawroji Hill to Elphinstone Bridge	8 & 76
Flight of steps to Falkland Road Overbridge...	8, 77 to 80
Roads and streets in Agripada and elsewhere.	8, 81 to 91
Gilder Street	8 & 89
Souter Road	8 & 90
Road over the Tansa Main from Dadar to Matunga, now called Vincent Road ...	8 to 91
The Municipal Estate, proposed to be handed over to the New Improvement Trust ...	81 to 88
Arthur Road Diversion	8 & 92
MISCELLANEOUS WORKS—	
Removing and recovering the chunam covering of the terrace roofing of the Victoria and Albert Museum	8, 93 & 94
Burial Ground for Mahomedans and Beni-Israels	8, 95 to 97

	Paras.
Walls at the Tank Bunder Hindu Burial Ground	98
Paving ground for dust-bin carts	111
Wall round the vacant Municipal ground, at Ripon Road	111
Raising the compound wall of the Arthur Road Hospital	111
Shed over the Garlick Incinerator	111
New gate, in the west wall of Tank Bunder Burial Ground	111
FUTURE DISPOSAL OF THE TOWN SWEEPINGS OF THE CITY.	8, 99 to 110
REPAIRS TO MUNICIPAL BUILDINGS, &c.,	
IN CHARGE OF—	
The Executive Engineer ;	
General and Street and Building Branches	112
Drainage Branch	112
Water Works Branch ...	112
The Executive Health Officer	112
The Chief Officer of the Fire Brigade ...	112
The Superintendent of Markets, &c. ...	112
The Superintendent of Municipal Gardens ...	112
The Curator, Victoria and Albert Museum ...	112

NEW WORKS, &c.; GENERAL.

8. Subjoined is a list of new works, each costing over Rs. 3,000, (*a*) completed during the previous years, but the accounts of which remained unadjusted till the commencement of the year under report, (*b*) which were in progress at the beginning of the year under report and completed during that year, (*c*) which were commenced and completed during the year, (*d*) which were commenced but not completed during the year, and (*e*) which have been sanctioned but not proceeded with or postponed for want of funds or other reasons :—

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1898.	Dates or probable dates of completion.
	(*a*) WORKS COMPLETED DURING THE PREVIOUS YEARS BUT THE ACCOUNTS OF WHICH REMAINED UNADJUSTED TILL THE COMMENCEMENT OF THE YEAR UNDER REPORT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Buildings. Rs. a. p.				
1	Fire Brigade Station at Sankli Tank—				
	Filling in of tank 67,197 0 0				
	Acquisition of Land 33,104 0 0				
	Buildings 1,07,905 0 0				
		2,08,206 0 0	1,68,829 3 7	.....	30th Nov. 1896.
	Drainage Works.				
2	Vent-shafts on Main Sewers	3,500 0 0	2,984 3 7	.....	31st Dec. 1896.
	Water Works.				
3	Laying 12″ Main in Parbhadevi Road...	25,870 0 0	17,189 6 2	.....	31st Oct. 1896.

	(b) WORKS WHICH WERE IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THAT YEAR.					
	Buildings.	Rs. a. p.				
4	Bhuleshwar Market and Schools ...	.....	4,50,000 0 0	4,35,191 13 9	.....	31st May 1897.
5	Quarters for the Animal Keepers in the Victoria Gardens	.....	6,900 0 0	5,953 9 6	.....	28th Aug. 1897.
6	Office rooms for the Clerks in the Victoria Gardens	.....	5,500 0 0	4,285 8 6	.....	28th Aug. 1897.
7	Quarters for the Chief Inspector, Water Works, and Sluicemen at Babula Tank—					
	Filling in tank	16,748 0 0				
	Buildings	29,612 0 0				
			46,360 0 0	32,133 1 3	.....	9th Nov. 1897.
	Roads, &c.					
8	Flight of steps from Sleater Road to the Falkland Road Overbridge ..	.....	5,470 0 0	5,466 3 1	.....	January 1898.
	Drainage Works.					
9	Latrines in Worli Moti Pakhadi ...	3,047 10 0		3,034 12 2	.....	30th April 1897
10	Latrines in Worli Middle Pakhadi ...	3,916 3 0		3,903 8 4	.....	Do.
			6,963 13 0	6,938 4 6		

New Works, &c., General—*(continued)*.

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1898.	Dates or probable dates of completion.
	(*b*)—WORKS WHICH WERE IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THAT YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage Works—contd.				
11	Rebuilding and ovoiding with proper gradients the kachcha open drains on each side of Northbrook Street...	4,211 0 0	3,345 7 0	.....	31st July 1897.
12	Renewing and repairing a portion of the double-barrel Storm-water drain in the Mint Compound	6,735 0 0	4,928 3 2	.....	Do.
	Water Works.				
13	Plastering and pointing walls of the old settling basin of the Bhandarwada Reservoir	24,000 0 0	23,086 0 9	.....	21st June 1897.
14	Removing and replacing filtering materials of No. 1 Filter at the Malabar Hill Reservoir	6,678 0 0	.....	6,358 9 7	10th Nov. 1897.
15	Alterations and improvements at the Malabar Hill Reservoir	75,000 0 0	.....	29,626 0 5	25th Jan. 1898.
	(*c*) WORKS WHICH WERE COMMENCED AND COMPLETED DURING THE YEAR.				
	Buildings.				
16	Putting the Cattle Inspection Sheds in the Bandora Slaughter-house yard in proper condition	4,186 0 0	2,770 5 8	.....	July 1897.

17	Making improvements to the five chawls occupied by butchers, peons and bigaris at the Bandora Slaughter-houses	10,161	0	0	9,080	10	4	.....		July 1897.
18	Two additional sheds for sheep and goats at the Bandora Slaughter-houses	7,000	0	0	5,199	3	4	.....		2nd Jan. 1898.
	Miscellaneous.									
19	Purchase of land from Mr. Rustomji Jamasji Ashburner for the extension of Mahomedan Burial Ground at Tank Bandar	1,22,000	0	0	1,21,796	0	6	.....		
	Drainage Works.									
20	Golangi Hill Latrine	3,856	0	0	3,821	0	8	.....		20th Oct. 1897.
21	Storm-water drain in the ground acquired and added to the Victoria Gardens	6,618	0	0	5,347	6	4	.....		31st Aug. 1897.
	(*d*) WORKS WHICH WERE COMMENCED BUT NOT COMPLETED DURING THE YEAR.									
	Buildings.									
22	Foreman and Engineer's Quarters at Fire Brigade Station, Gamdevi	15,528	0	0	.....			4,252	4 10	16th July 1898.
23	Ward Office, Street and Building Department, Gamdevi.	4,389	0	0	.....			1,282	15 6	16th April 1898.
24	Temporary Market at the junction of Fergusson and DeLisle Roads	10,000	0	0	.....			2,204	13 1	8th July 1898.
25	Removing the existing chunam covering of the terrace roofing, Victoria and Albert Museum, and re-covering it with Indian patent stone	3,992	0	0	.....			.....		18th May 1898.

New Works, &c., General—(*continued*).

Consecutive Number.	Description of Work, &c.		Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1898.	Dates or probable dates of completion.
			Rs. a. p.	Rs. a. p.	Rs. a. p.	
	(*d*)—WORKS WHICH WERE COMMENCED BUT NOT COMPLETED DURING THE YEAR—*contd.*					
	Roads.					
26	Roads and streets in Agripada and elsewhere—					
	For roads and streets and frontages... ... ... Rs.	24,50,000 0 0				
	For storm-water drains in Morland, Souter and Club Roads and Gilder Street ... Rs.	1,28,288 0 0				
			25,78,288 0 0	.....	25,07,414 9 1	
27	Road through Nawroji Hill from Elphinstone Bridge to Dongri Street	.....	3,32,023 0 0	.....	64,904 1 0	
28	Diversion of Arthur Road over the Masonry Bridge	.....	22,991 0 0	.....	86 8 0	15th July 1898.
29	Reay Road from Wari Bandar to Gunpowder Road, Mazagon ...	7,30,000 0 0				
	Victoria Road Extension ...	36,200 0 0				
	Burial ground for Mahomedans and Beni-Israels	2,41,955 0 0				
		10,08,155 0 0				

	Rs. a. p. Grant made by the Municipality ... 8,51,655 0 0 Contribution of the Port Trustees towards the construction of the Reay Road ... 1,56,500 0 0	10,08,155 0 0	.....	5,59,415 4 2	
	Miscellaneous.				
30	Filling in quarry holes in the Slaughter Yard at Bandora	4,177 0 0			
31	Burial Ground for Mahomedans at Tank Bandar ...	1,75,000 0 0		2,832 5 8	2nd May 1898.
32	Disposal of Town sweepings at Devnar	8,44,000 0 0		74 12 0	
33	Burning and Burial Ground at Mahim...	30,774 0 0		2,75,769 12 4	
34	Burning and Burial Ground at Warli	29.373 0 0			
35	Extension of the Sivri Cemetery	87,111 0 0			
	Drainage Works.				
36	Catchpit on the Mint Road Sewer opposite the European General Hospital	4,468 0 0		.....	31st May 1898.
37	Converting the old Engine House at Love Grove, into an office and godown and constructing a shred-lifter chamber with four shred-lifters	25,625 0 0		782 8 4	15th June 1898.
38	Converting Night-soil Depôts at Bhanghi Moholla and Haines Road into Receiving Depôts...	15,587 0 0		3,361 15 0	25th July 1898.

Consecutive Number.	Description of Work, &c.	Sanctioned grants.	Expenditure on completion.	Expenditure up to the end of March 1898.	Dates or probable dates of completion.
	(*d*)—WORKS WHICH WERE COMMENCED BUT NOT COMPLETED DURING THE YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Water Works.				
39	Covering the Storage Basin at Bhandarwada Reservoir and constructing filters over it	1,60,097 14 4		1,23,084 7 4	22nd June 1898.
40	Quarters for Sub-Inspector and Watchmen at Tansa Lake	12,000 0 0		10,367 2 2	31st May 1898.
41	Purchasing and fixing New Pattern Hydrants for watering roads and for Fire Brigade use	50,000 0 0		47,379 4 4	
42	Re-constructing a portion of the Tansa Duct at the end of the 45th mile	10,175 0 0		5,717 14 10	31st May 1898.
43	Repairs to Kasheli Embankment, Tansa Duct... ...	76,929 4 0		52,520 4 9	26th May 1898.
44	Laying new mains in various places	30,000 0 0		25,260 8 0	30th May 1898
45	Replacing the 3″ mains in Warli Road by a 9″ pipe— Rs. a. p. Amount to be charged to the grant of Rs. 27,000 ... ... 26,676 0 0 Amount to be charged to the fund of renewals of mains 32,665 0 0	59,281 0 0		41,541 13 6	30th May 1898.

	(*p*) WORKS WHICH HAVE BEEN SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.								
	Buildings.								
46	Quarters for the Head Animal Keeper, Victoria Gardens.	8,796	0	0			117	12	0	
47	Quarters for Malis, Victoria Gardens...	13,600	0	0			105	4	0	4th Oct. 1898.
48	Additions and alterations to the Municipal chawl at Dadar	9,848	0	0			98	0	0	
49	Construction of a wall round the sides of the Hindu Burial Ground at Tank Bandar	3,029	0	0			787	8	11	
50	Health Department bullock stables and quarters for Sweepers in Ward E, near the Victoria Gardens ...	1,50,000	0	0			44,437	1	5	
51	New Market at Chowpati	17,000	0	0			.....			
52	Quarters for Watchmen and Sluicemen at Malabar Hill Reservoir	4,700	0	0			104	8	0	
53	Quarters for Watchmen and Sluicemen at Bhandarwada Reservoir	4,006	0	0			105	12	0	
54	Extension of the Beef Slaughter-house at Bandora ...	6,000	0	0			104	0	0	
55	Marble relief in tympanum of the main arch at the Crawford Market now blocked with canvas	5,000	0	0			.....			
	Roads.									
56	Roads between New Gilder Street and Ripon Road ...	2,50,000	0	0			1,485	11	10	

9. The following are details of some of the principal buildings enumerated in the foregoing statement :—

FIRE BRIGADE STATIONS.

10. The descriptions of the ten Fire Brigade Stations in different parts of the Island, sanctioned by the Corporation under their resolution No. 5144, dated 14th August 1892, are given in previous reports. These have been completed, and particulars, as regards their cost, &c., are given in the subjoined statement.

11. The quarters for the Foreman, Engineer, and Laskars at the Gamdevi Station and a few additional works, at the Sankli Tank Station, particulars regarding which are given below, were taken in hand during the year under report, and will soon be completed.

Fire Brigade Stations completed up to end of 1897-98.

12. The following statement shows the dates of commencement and completion, cost and other particulars regarding the ten Fire Brigade Stations which have been completed :—

Locality.	Names of Contractors.	Date of Commencement of Work.	Date of Completion of Work.	Sanctioned Grant for the Work.	Total Cost of Work including Contingencies and Establishment.	Savings.	Remarks.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba	Messrs. Ratanji Bezanji & Co..	30th October 1893.	30th June 1894.	26,468 0 0	23,952 9 8	1,532 4 6	For construction of the principal building.
	Messrs. Devram Keshowji & Co.	17th June 1896.	12th October 1896.		983 1 10		For construction of extra works, *viz.*, a coal-shed and a store-room.
Fort	Messrs. Spencer & Co. ...	6th January 1893.	28th February 1894.	36,201 0 0	31,454 7 2	4,746 8 10	
Bhuleshwar	Mr. Lakhmidas Shamji ...	11th April 1893.	7th December 1893.	52,815 0 0	51,589 10 8	1,225 5 4	
Mazagon	Messrs. Gangaram Lakshman & Co.	5th January 1893.	29th August 1893.	7,721 0 0	7,480 0 4	240 15 8	
Chinchpokli	Mr. Mancherji Kavasji Gazder	12th November 1894.	11th February 1895.	7,209 0 0	6,512 7 10	696 8 2	
DeLisle Road ...	Messrs. Mistri, Bhedwar, Vachaghandi & Co.	6th January 1893.	7th October 1893.	28,026 0 0	25,280 5 1	2,745 10 11	
Mahim	Do. do. ...	25th February 1893.	30th November 1893.	6,564 0 0	6,564 0 0	.....	
Dadar	Mr. Rastamji Nasarvanji Vachaghandi.	21st February 1893.	30th April 1893.	10,402 0 0	2,008 6 1	1,341 13 0	For filling in the tank on the site of the station.
	Messrs. Gangaram Lakshman & Co.	10th September 1894	10th May 1895.		7,051 12 11		For construction of the building.
Babula Tank.....	Mr. Sayaji Naguji	5th May 1893.	2nd Sept. 1894.	58,285 0 0	20,620 14 11	7,054 5 10	For filling in the Tank on the site of the station.
	Messrs. Bhaskar Shivram and Dhondiba Hanmantrao.	10th May 1895.	30th April 1896.		30,609 11 3		For construction of the building.
Sankli Tank.....	Mr. Sayaji Naguji	14th November 1892	10th Nov. 1893.				For filling in the tank on the site of the station.
	Mr. Muncherji Kawasji Gazdar	1st July 1895.	30th Nov. 1896.	2,08,206 0 0	1,63,757 0 11	44,448 15 1	For construction of the building.
	Mr. Navroji Jamshedji Cabinet-maker.	.....	.....				For land acquired for the station.
			Total Rs. ...	4,41,897 0 0	3,77,864 8 8	64,032 7 4	

Gamdevi Station.

13. Tenders for the work were invited, and that of Messrs. Pallonji Shapurji and Co. was accepted by the Standing Committee under their Resolution No. 6621, dated the 9th October 1897. The order to commence the work was given on the 17th January 1898. It has made satisfactory progress, and the expenditure up to the end of the year has been Rs. 4,252-4-10.

Sankli Tank Station.

14. The construction of the buildings of this station was completed, on 30th November 1896, at a cost of Rs. 1,63,757-0-11.

15. Since then the Corporation have sanctioned the following additional works under their Resolution No. 4466, dated the 9th August 1897 :—

	Sanctioned Grant. Rs.
Constructing an apparatus for drying hose	173
Metalling and packing the compound	4,485
Constructing a corrugated iron shed to serve as a granary, a workshop and a store-room for coal ...	4,157
Constructing a passage between the Chief Officer's quarters and the cook-rooms	903
Putting up weather frames	994
Constructing a paved platform for washing hose, &c.	330
Constructing a one-seated Municipal pattern latrine...	330

16. The last four works were completed during the year under review and the others are in progress.

17. The total expenditure passed up to the end of the year under report has been Rs. 1,68,829-3-7.

MUNICIPAL MARKETS, &c.

Bhuleshwar Market and Schools.

18. This work, which has been fully described in the previous Administration Reports, was completed on the 31st May 1897, at a cost of Rs. 4,35,191-13-9, including the cost of the land.

Temporary Market at Fergusson Road.

19. The Corporation, under their resolution No. 2276, dated the 11th June 1896, sanctioned a grant of Rs. 40,539 for the construction of a market at Currey Road ; but, on reconsideration, it was resolved, under their No. 2279, dated the 11th June 1896, to construct at first only a small temporary market at the junction of Fergusson and DeLisle Roads, at an estimated cost of Rs. 10,000, to be met from the above-mentioned sanctioned grant of Rs. 40,539. If this temporary market proves a success, it will be converted into a permanent one, on a sufficiently large scale.

20. Tenders for the work of the temporary market were invited by means of advertisement in the local newspapers, but none having been received, offers were invited by circular from well-known contractors, and the result was that four tenders were received, and the one of Mr. Rastamji Ratanji, being the lowest, was accepted by the Standing Committee, under their Resolution No. 8388, dated the 15th December 1897.

21. The order to commence the work was given to the contractor on the 9th February 1898.

22. The total expenditure passed up to the end of the year has been Rs. 2,204-13-1, including Rs. 2,000 for the land.

Filling in quarry holes near the Railway Station at Bandora.

23. The Corporation, under their Resolution No. 5987, dated the 7th September 1896, requested the Municipal Commissioner to report on the condition of the Bandora Slaughter Houses during the rains, and whether it was practicable to improve it, to prevent its insanitary condition during the monsoon.

24. The Municipal Commissioner, in consultation with myself and the Superintendent of Markets, proposed several measures to remedy the defects. The Corporation thereupon, under their Resolution No. 11351 of the 25th January 1897, appointed a Committee to visit the Bandora Slaughter Houses and report what works, out of those proposed by the Commissioner, were, in their opinion, the most urgent.

25. This Committee came to the conclusion that all the proposed improvements were desirable and necessary, and suggested some of them, as requiring the most urgent attention. The work of filling in the quarry holes was one of them, which they considered should be completed before the setting in of the rains.

26. The work was sanctioned by the Corporation, under their Resolution No. 1826 of the 13th May 1897, at an estimated cost of Rs. 4177.

27. Tenders were invited, but only one, from Messrs. Sulemanji Mulla Abdulalli & Co., was received. The amount of this tender being higher than that of the estimate, it was not accepted. The tenderers subsequently agreed to carry out the work at 3 per cent. below the office estimate, and this offer was accepted by the Standing Committee, under their Resolution No.3661, dated the 14th July 1897.

28. The order to commence the work was given on 3rd November 1897.

29. According to the terms of the contract the work should have been completed on 2nd March 1898, but owing to the difficulty in obtaining labour carts and workmen during the prevalence of the plague, it could not be done. The contractors therefore asked for an extension of the contract period for the completion of the work, which was sanctioned by the Commissioner, under his No. 1872 of 27th April 1898.

30. The expenditure passed up to the 31st March 1898 has been Rs. 2,832-5-8.

Construction of two additional sheds for sheep and goats at the Bandora Slaughter Houses.

31. This work was sanctioned by the Corporation under their resolution No. 1826, dated the 13th May 1897, at an estimated cost of Rs. 7,000.

32. The tender of Messrs. Sulemanji Mulla Abdulalli & Co. was accepted. The order to commence was given on 3rd November 1897, and the work was completed on the 2nd January 1898.

33. The total expenditure on the completion of the work has been Rs. 5,199-3-4.

Putting the Cattle Inspection Sheds in Bandora Slaughter Houses in proper condition.

34. The work was sanctioned by the Corporation, under their Resolution No. 1826, dated 13th May 1897, at an estimated cost of Rs. 4,186.

35. The work being urgent, was carried out departmentally during the rains.

36. The expenditure on completion of the work has been Rs. 2,770-5-8.

Making improvements to the five Chawls occupied by butchers, peons, and bigaris of the Bandora Slaughter Houses.

37. This work was sanctioned by the Corporation, under their Resolution No. 1826 of the 13th May 1897, at an estimated cost of Rs. 10,161. It was commenced in April 1897 and was completed in July 1897, through the agency of the annual repair and petty works contractors.

38. The total expenditure on the completion of the work has been Rs. 9,080-10-4.

CHAWLS, QUARTERS AND OFFICES FOR MUNICIPAL EMPLOYES, &c.

Quarters for the Chief Inspector and Sluicemen of the Water Works Department.

39. As stated in the Administration Report of 1896-97, the order to commence the work was given to Messrs. Devram Keshavji & Co., on the 10th March 1897.

40. The work was not completed within the contract period, partly owing to the difficulty in obtaining skilled labour and materials on account of the plague, and partly on account of the dilatoriness on the part of the contractors. The work was however completed on the 28th February 1898.

41. The quarters were occupied by the Chief Inspector and Sluicemen on the 1st March 1898.

42. The total expenditure on the completion of the work, has been Rs. 32,133-1-3, including the filling in of the tank, on which the building is erected.

Quarters for the Animal-keepers in the Victoria Gardens and Office for the staff of the Victoria Gardens.

43. These works, which were reviewed in the last Administration Report, were completed on the 31st December 1897.

44. The total expenditure on the completion of the work has been Rs. 5,953-9-6.

Quarters for Malis in the Victoria Gardens.

45. This work was sanctioned by the Corporation under their Resolution No. 12245 of 8th February 1897, at an estimated cost of Rs. 13,600.

46. Tenders for the work were invited by advertisements as usual. Two tenders were received, and that of Messrs. Devram Keshavji & Co., which was the lower of the two, was accepted by the Standing Committee, under their Resolution No. 10448 of 2nd February 1898.

47. The total expenditure passed up to the 31st March 1898 was Rs. 105-4-0.

Quarters for the Head Animal-keeper in the Victoria Gardens.

48. This work was sanctioned by the Corporation under their Resolution No. 12245, of the 8th February 1897, at an estimated cost of Rs. 8,796.

49. Tenders were invited for the construction of the quarters, by the advertisement in the public newspapers, as well as by sending private notices to well-known contractors, but only one tender was received from Messrs. Devram Keshavji & Co.

50. As the amount of the tender was in excess of the office estimate, the contractors were requested to state, if they would undertake the work at the rates of this office estimate, which they agreed to do, and the Standing Committee accepted their tender accordingly, under their Resolution No. 12240 of 16th March 1898.

51. The work has, however, been suspended until the finances of the Municipality improve. It will probably be taken in hand after the rains.

52. The total expenditure passed up to the 31st March 1898 has been Rs. 117-12-0.

Additions and Alterations to the Chawl at Dadar.

53. This work was sanctioned by the Corporation, under their Resolution No. 11123 of 21st January 1897, at an estimated cost of Rs. 9,848.

54. The Standing Committee, under their Resolution No. 9637 of 12th January 1898, accepted the tender of Messrs. Devram Keshavji & Co., being lower of the two tenders received.

55. The work will be taken in hand after the rains, when the halalkhores of the Health Department, who occupy the chawl at present, vacate the building.

56. The total expenditure passed up to 31st March 1898 is Rs. 98.

Ward Office for the Streets and Buildings Branch of the Executive Engineer's Department at Gamdevi.

57. As stated in last year's report, tenders for the work were re-invited and the offer of Messrs. Pallonji Shapurji & Co. was accepted by the Standing Committee, under their Resolution No. 6621, dated the 9th October 1897.

58. The order to commence was given on the 17th January 1898 and the work is making satisfactory progress.

59. The expenditure passed up to the end of the year has been Rs. 1,282-15-6.

THE NASSARWANJI MANECKJI PETIT PUBLIC HALL.

60. Bai Dinbai Nassarwanji Petit having generously made an offer of a gift of Rupees five lakhs for constructing and furnishing a Public Hall in Bombay, capable of sitting 2,000 to 2,500 people, to be used for public and other meetings and gatherings, it was accepted by the Corporation, under their Resolution No. 4643 of 10th August 1896, under certain conditions arranged in consultation with the donor.

61. The site fixed upon for the construction of the Hall, is the piece of vacant land, on the north side of the Cruickshank Road, between the Municipal Offices and the Police Magistrates' Courts.

62. It having been resolved, that the design and construction of the building should be carried out under the supervision of the Executive Engineer, Municipality, the Corporation sanctioned, under their Resolution No. 1408 of 6th May 1897, a sum of Rs. 3,590, for the cost of preparing plans and estimates of the work. These were accordingly prepared and submitted for the approval and sanction of the Municipal Commissioner and the Corporation, under the Executive Engineer's letter No. 13388, dated 21st December 1897.

63. The building, as designed, will consist of (*a*) a large Public Hall 121½ feet long, 81 feet wide, and 54 feet in height up to the ceiling, with a platform at one end and a projecting gallery 12 feet wide on each of the long sides of the Hall and two galleries 20 feet wide on the third side facing the platform, (*b*) an entrance hall 46 feet square, where the statue of the late Mr. Nassarwanji Maneckji Petit will be placed and (*c*) a hall to be used for small meetings or dining and refreshment purposes, 60 feet by 30 feet with a gallery on all the four sides.

64. The plans and estimates, the latter amounting to Rs. 5,10,237, were referred for report to a Committee of the Corporation nominated for the purpose, under their Resolution No. 9430 of 6th January 1898, who after careful study of the plans reported that—

"(1) They agree with the Executive Engineer that the floor of both the main hall and of the smaller room should be of teak boards placed longitudinally and hung on iron rails."

"(2) They would also recommend that the open arches, at the end of the Hall, both on the ground and first floor levels, should be closed with glass doors, with a view to bettering the acoustic properties of the Hall."

"With the above suggestions, the Committee would urge the Corporation to accept the plans of the Hall, which, in their opinion, reflect great credit on the Municipal Executive Engineer."

65. The plans and estimates were accordingly approved by the Corporation, under their Resolution No. 12039, subject to such modifications in the design and estimates as to restrict the cost to Rs. 5,00,000, to be given by Bai Dinbai Nassarwanji Maneckji Petit.

66. The Standing Committee, in their Resolution No. 12424 of 23rd March 1898, decided that a deed of trust be prepared as soon as possible by the Solicitors of the Municipality and of Bai Dinbai jointly, and that it shall provide for the deposit of Rupee paper of the actual value of Rs. 5,00,000, in the joint names of Bai Dinbai and the Municipal Commissioner.

67. Bai Dinbai's assent to the above proposal has not yet been given and the sanction of the Government of India to the sale of the ground to the Municipality has also not yet been received.

68. On the above being settled, the work will be taken in hand.

NEW ROADS, &c.

Reay Road.

69. Since the last report, the terms for the purchase of the property consisting of a large area of vacant land and a number of buildings, from Mr. Anandrao Vinayek, Executor of the estate of the late Mr. Parmanandas Jivandas, have been finally settled and the purchase is being completed.

70. The buildings which come in the way of the road are now being pulled down by the vendor. On completion of the demolition, the land will be taken over. The purchase of Mr. Daver's property, mentioned in the last report, has also been settled by private negotiations, and the deed of conveyance is being prepared by the Municipal Solicitors.

71. The construction of the northern approach to the overbridge and the roadway in continuation thereof, up to DeLima Street, cannot, however, be taken in hand until the alignment of the overbridge and its southern approach is finally settled by the Port Trustees and the G. I. P. Railway Company, who are of opinion that it might be necessary to depart from the original line. As soon as this matter for which negotiations are going on is finally settled and the work of constructing the Railway bridge is started, the approaches of the bridge and the roadway up to DeLima Street will be taken in hand, the plans and estimates of which are ready.

72. Private negotiations for the purchase of a portion of land owned by the Trustees of the N. S. D'Rozario Church at DeLima Street, referred to in para. 350 of the last report, having failed, a reference has now been made to Government for taking it up under the Land Acquisition Act.

73. The remainder of Reay Road, from Dockyard Road to the junction of Coppersmith Street, and Gunpowder Road, is now in progress under a contract, and the earthwork of the same is approaching completion.

74. Some of the properties required for the Reay Road had been acquired under the Land Acquisition Act. The Collector's awards in all cases of properties purchased under the Land Acquisition Act have been accepted by the owners of the properties, except in only one instance, *viz.*, in the case of the property belonging to Bai Meherbai Edulji Tavernwalla, in which case the Collector's award was disputed and an appeal made to the High Court by the claimant. The appeal was heard during the year under review, and was dismissed with costs in favour of the Municipality.

Extension of Victoria Road.

75. The excavation of Narielwadi, entrusted last year to Mr. Bomanji Dhunjibhoy, under a contract having approached completion, the construction of the Victoria Road has been started, and the work is now in progress.

The proposed road from Dongri Street across Nowroji Hill to Elphinstone Bridge.

76. The hope hitherto entertained, that after the High Court had given decision in one particular case, the task of acquiring the properties will be facilitated, has not been realized. Although the High Court has given its decision in one of the cases in favour of Mr. Jalbhoy, it has not deterred other persons owning buildings, required for the proposed road, from disputing Mr. Jalbhoy's claim to receive full value of the land occupied by the buildings. In spite of these difficulties, properties admeasuring in all 784·37 square yards have been purchased, at the aggregate cost of Rs. 64,904-1-0, including the value of the buildings. The acquisition of the remaining properties is in progress.

Flight of Steps to Falkland Road Overbridge.

77. The construction of a flight of steps, on the South of the Falkland Road Bridge, was sanctioned, under Corporation Resolution No. 12032 of 4th February 1897, at an estimated cost of Rs. 5,470. These steps are intended for the convenience of pedestrians, to enable them to go direct from Sleater Road on to the Overbridge and *vice versa*, without having to travel over the long stretch of the low level road running along the bridge.

78. The work was carried out, in the Municipal Workshops, at a cost of Rs. 5,466-3-1.

79. The steps were opened to the public on 1st February 1898 and have proved to be a great convenience.

80. During the excavation for the foundation of the steps, it was found necessary to divert a 3″ gas pipe and also a storm-water drain which came in the way. The pipe was diverted by the Gas Company at a cost of Rs. 55-1-6, and the diversion of the drain was executed departmentally during the current year.

ROADS AND STREETS IN AGRIPADA AND ELSEWHERE.

The Municipal Estates proposed to be handed over to the New Improvement Trust.

81. It is proposed to hand over, to the proposed New Improvement Trust, the undermentioned properties, which are designated :—

(*a*)—The Agripada Estate,
(*b*)—The Connaught Road Estate, and
(*c*)—The Matunga Estate.

The Agripada Estate.

82. The Agripada Estate consists of large plots of land situated in the Agripada District, bounded by Arthur Road on the West, Clerk Road on the North, DeLisle Road, Haines Road and Clare Road on the East, and Bellasis Road on the South. Some small plots of frontage land in this estate, have been sold and the balance, including the area of the land occupied by the newly constructed roads, admeasuring in all about 412,815 square yards, is proposed to be handed over to the Trust.

83. The scheme for the improvement of the Agripada Estate, consisted of the construction of several large and small roads, but only four principal ones have been taken in hand, *viz.*, Morland Road, Club Street, Gilder Street, and Souter Road.

84. The whole of Morland Road, Gilder Street (except a small portion near the Hindustan Mill) and the portion of Club Street extending from Morland Road to Gilder Street, have been completed. Souter Road is yet incomplete, on account of the firm of contractors, who undertook to carry out the work, having suspended work, owing to some dispute among the partners and it will have to be completed, at the contractors' risk and expense, either by the New Improvement Trust or the Municipality.

85. The Corporation have also granted a sum of Rs. 2,50,000 for the construction of several minor roads, *viz.* :—Motlibai Street, Sankli Street extension, Jetha Street, Mill Street, Kama Street and two other streets not yet named and also for the provision of storm-water drains along them and for purchasing and reclaiming Dhobi's Tank, adjoining Ripon Road, for the extension of Souter Road. These works have, however, been deferred, as the Municipal land, on which the roads were to be made, is proposed to be handed over to the New Trust and who will probably carry out the works.

The Connaught Road Estate.

86. The Connaught Road Estate consists of a large plot of land, immediately to the north of the Victoria Gardens. Portions of it have been added to the Victoria Gardens and to the existing public streets, *viz.*,

Parel Road and Ghorupdeo Road. A portion of the land has also been utilized for the construction of the Connaught and Sussex Roads. Some of the plots abutting on these roads and also on the Parel Road have been sold and the remainder will be handed over to the City Improvement Trust. The area to be so handed over is about 59,550 square yards, including the area occupied by the said Connaught and Sussex Roads.

The Matunga Estate.

87. The Matunga Estate consists of several plots of land, acquired in the Matunga District. These plots of land, including the area occupied by Vincent Road, admeasuring about 298,376 square yards, are also proposed to be handed over to the New Improvement Trust.

88. There are several roads intended to be constructed on this estate, but only the one above named, *viz.*, Vincent Road, has been completed.

Gilder Street.

89. The land required for completing the road has been acquired from the owners of Hindustan Mill, but as this land, like all the Municipal plots of land in Agripada District, has been transferred to the New Improvement Trust, the latter body will, no doubt, arrange to complete the road.

Souter Road.

90. The negotiations referred to in the last Annual Report, with one of the partners of the firm, who originally contracted to do the work, have failed, as the other partner does not join him. The work actually done and that remaining to be done, by the contractors, have been measured, and the latter will be carried out, at the risk and expense of the contractors, either by the Municipality or by the Improvement Trust (to whom the land occupied by the unfinished portion of Souter Road has been transferred), as the Commissioner may decide.

Road over the Tansa Main from Dadur to Matunga, now called Vincent Road.

91. This work has been completed, since some time past, but the contractors have disputed the accounts. Under the advice of the Municipal Solicitors, their deposit and the amount which was considered due to them, by the Municipality have been paid to them. They have now filed a suit, against the Municipality, for a sum of Rs. 39,673-12-10, over and above the amount paid to them. The result of this suit will be reported when the matter is finally disposed of.

Arthur Road Diversion.

92. While widening the old main drain from Bellasis Bridge to Clerk Road, in connection with the surface drainage works, which were

taken in hand, about fifteen years ago, the culvert which carried Arthur Road over the old main drain had to be demolished and replaced by a temporary timber structure. To replace this, a masonry culvert has been built close to the temporary one. The work of diverting, the road over the masonry culvert was taken in hand during the year under review and the work is now in progress.

MISCELLANEOUS.

Removing and recovering the chunam covering of the terrace roofing of the Victoria and Albert Museum.

93. This work was sanctioned by the Corporation, under their Resolution No. 4470 of 9th August 1897, at an estimated cost of Rs. 3,992.

94. It was originally intended to recover the terrace with Indian patent stone, but as it was considered that it would not stand the varying temperature, to which it would be exposed, without cracking, the terrace was covered with cement plaster one inch thick, consisting of cement and sand in equal proportions and finished with a coat of cement, at the top. This alteration was sanctioned by the Standing Committee under their Resolution No. 10446 of 2nd February 1898, and the work was entrusted to the Annual Repair and Petty Works Contractors, Messrs. Devram Keshavji & Co., about the close of the year.

Burial-grounds for Mahomedans and Beni-Israels.

95. Some additional works for the Suni Mahomedan burial-ground at Tank Bunder, such as providing wooden gates for entrances, raising and repairing the old walls, and constructing a new wall on the west side, and filling in the depressions caused by the rains, having been found necessary, tenders were invited for their execution. The tender of Messrs. Teju Kaya & Co. having been accepted, the work will shortly be commenced.

96. The inquiry in the matter of the acquisition of a portion of Narialwadi, for the future extension of the Mahomedan burial-ground, is still pending under the Land Acquisition Act, before the Collector of Bombay.

97. A portion of the land situated at Mount Road, purchased from Mr. Ashburner, is proposed to be allotted to the Beni-Israels. The ground is to be enclosed by a masonry wall, for which the tender of Messrs. Teju Kaya & Co. has been accepted, and the work is now in progress.

Constructing a compound wall at the Tank Bunder Hindu Burial-ground.

98. This work could not be proceeded with during the year, as the question of the boundaries of the burial-ground, on its north and east sides, on which the boundary walls remain to be constructed, has not yet been settled.

FUTURE DISPOSAL OF TOWN SWEEPINGS OF THE CITY.

99. This important sanitary work had engaged the attention of previous Municipal Commissioners and Engineers of this Corporation. It is a matter of gratification that, after dragging its long career over a series of years, it was practically settled during the year under review.

100. Several years ago, before the formation of the Health Department, *i.e.*, before the year 1865, the town sweepings were carried by railway and deposited on a large area of swampy ground near the village of Coorla. This continued for a number of years when in March 1876 it was decided to utilize the sweepings for reclaiming the unhealthy and swampy triangular piece of ground, commonly known as the Mahaluxmi Flats, lying between the line of the B. B. & C. I. Railway on one side, the Clerk Road on the other and the private properties abutting on the Tardeo Road, on the third. This ground has now been reclaimed to the fullest extent, and the Health Officer, some years ago, drew special attention to the danger of further reclaiming the ground with this offensive material. Several proposals have, from time to time, been suggested by previous Engineers and the Health Officer, none of which were seriously considered. On my assuming charge of the office of Executive Engineer, my attention was drawn by Mr. H. A. Ackworth, C.I.E., the then Municipal Commissioner, to the urgent necessity of seriously considering the method of the future disposal of town sweepings, and I did myself the honour of submitting an elaborate report on the subject, which was laid before the Corporation in due course. On Mr. Snow taking up the office of Municipal Commissioner soon afterwards, he earnestly entered into the question and brought it to a final issue. In my report on the subject, the advantages and disadvantages of the various systems of disposal, principally those of incineration and transportation outside the limits of the City, were fully considered. A Committee of the Corporation, appointed for the purpose, resolved, after mature deliberation, that the transportation system commends itself for adoption, on the grounds of economy and sanitation. It was thought that, by this method, a large area of waste and unhealthy swamp could be converted into fruitful agricultural ground. The matter, having been laid in due course before the Corporation, my proposal to revert to the original system of reclaiming the ground at Coorla, was accepted, and sanction to the execution of the work at an expenditure of Rs. 6,40,000 was given, on the assumption that Government would sell the land to the Municipality, which was leased to them for a short period of time, outright. Government having, however, declined to accede to the proposal of the Corporation to sell the land outright to them, the

proposal to deposit the town sweepings on that ground was abandoned. In the meantime Mr. Ardeshir Cursetji Cama, the owner of a large area of swampy land, situated near the village of Devnur, adjoining Chimbbur, admeasuring about 823 acres, about 9¼ miles distant from the present place of deposit, namely, the Flats, having offered to sell it to the Municipality, it was inspected on the 19th March 1897 by yourself, the Acting Health Officer and myself, and found it suitable for the purpose. A proposal to acquire this ground for the deposit of town sweepings and to construct a line of railway from the Coorla Station to it, was then laid before the Corporation. They having approved of it, an offer of Rs. 50 per acre was made to Mr. Cama, but he declined to accept it. The Corporation thereupon expressed an opinion under their resolution No. 1823, dated 13th May 1897, that it was desirable to acquire the land under the Land Acquisition Act. The Standing Committee thereupon sanctioned the acquisition of Mr. Cama's land, under their resolution No. 1625 of 12th May 1897, and in due course the proposed acquisition was notified in the *Government Gazette* of 12th August 1897. The Collector of Thana was interviewed by me, some time in August 1897, with a view to consider the best method of expediting the acquisition of this plot, as well as the strip of ground for the line of railway from the Coorla Station to the land at Devnur. The Commissioner and myself also addressed that officer twice, to take the necessary action, for completing the purchase, but it seems that until the 17th of March 1898, nothing was done. On this date the Collector of Thana informed the Commissioner that no steps can be taken for the acquisition of the land, until the plot is surveyed, and that he had instructed his Huzur Surveyor to do so. Proceedings having been so far delayed, the sanction of the Standing Committee, to take over possession of Mr. Cama's land, in anticipation of the Collector's inquiry and award, and to the payment of interest on the sum that the Collector may fix as the value of the land, was solicited and granted under their Resolution No. 1148 of 4th May 1898. Similar sanction of the Standing Committee, for taking over the strip of land for laying the line of railway, from Coorla Railway Station to the land at Devnur, was asked and granted under their Resolution No. 5638, dated 16th September 1897. This strip of land has been taken over, and the construction of the railway on it, has been commenced.

101. I have stated above that the Corporation sanctioned a grant of Rs. 6,40,000, for carrying out the scheme of transportation of the sweepings to the original ground at Coorla, on the assumption that Government would sell it to the Municipality outright. But this having fallen through and the proposal to deposit the sweepings on Mr. Cama's ground, by means of a railway, from the Coorla Station to Devnur having been adopted, the estimates were revised, and it was found that the cost of construction of the railway and the acquisition of the land, would involve an additional expenditure of Rs. 2,04,000, which was granted by the Corporation under their Resolution No. 8103, dated 6th December 1897.

102. On receipt of this sanction, arrangements for letting out the work by contract were made, and the work was commenced in due course of time.

103. The scheme of transportation consists of the following works :—

(*a*) The construction of two Tipping Platforms and a railway siding on the Mahaluxmi Flats, including the erection of culverts over the open Agripada drain crossing the line of railway.

(*b*) The construction of Rolling Stock to convey the sweepings.

(*c*) The construction of approach roads to the Platforms, and

(*d*) The construction of a railway line from the Coorla Station of the G. I. P. Railway to Devnur, the future place of deposit of the sweepings, including the construction of certain culverts to span the water ways.

104. The works for the construction of platforms and the approach roads to them, are let out by contract, and are in progress. The work of the culverts has also made satisfactory progress. The iron and wood works for the platforms are being made in the Municipal Workshops and are also progressing favourably. The permanent way on the Flats is being done by the B. B. & C. I. Railway and will soon be completed.

105. The Rolling Stock consists of 90 waggons and 6 brakes which are being constructed in the Workshops of the B. B. & C. I. Railway. Almost all the waggons and brakes are ready and the remainder will soon be completed.

106. The ground required for the railway from Coorla to Devnur has been acquired as stated above and the work of making the embankments and culverts has been let to the firm of Messrs. Ward and Company. I regret to have to report that this work is progressing very unsatisfactorily, and unless the Contractors push on with much greater vigour than they have done, the working season will be over, and the progress of the work will be retarded, until the close of the rains.

107. The only other point to which I need refer is the question of the rates for the haulage of the sweepings from the Tardeo Flats to the place of deposit at Devnur. After considerable correspondence with the Railway Companies and frequent interviews with their officers, it has been decided—

(*a*) that a rate of Rs. 3-4-0 per waggon should be charged for a train consisting of waggons not less than 25 in number, each waggon carrying a load of 10 tons;

(*b*) that a charge of Re. 1-14-0 be made for each waggon in excess of the above number ;

(*c*) that the waggons which may be ready within half an hour of the arrival of a loaded train at Devnur, should be brought back free ; but if the engine be detained beyond that time for empty waggons, it should be paid for, at the rate of Rs. 5 an hour or part of an hour, for the full time detained ;

(*d*) that if an engine be sent to fetch empties, a charge of Rs. 25 be made, and if such engine be detained, at the place of deposit, beyond half an hour, the same charge as that named in para. (*c*) be paid ; and

(*e*) that if the railway be extended beyond the ground at Devnur and the lead thereby increased, the charge should be proportionately increased ; but if on the other hand the length of the line be decreased, the haulage charge should also be proportionately decreased.

108. The above arrangement was reported to the Corporation by the Standing Committee, under their Resolution No. 11553 of 19th February 1898, and was recorded by that body under their Resolution No. 194, dated 4th April 1898.

109. The work on the Flats was commenced on 1st June 1897, but its progress was suspended for a while, as it was apprehended that the closeness of the Tipping Station to the line of the B.B. & C. I. Railway might prove a source of nuisance to the passenger traffic, on that railway. This question was considered by the Standing Committee and it was finally resolved that the Tipping Station should be removed to a distance of about 200 yards from the railway. The work was recommenced in January 1898 and has made progress as above described.

110. On the 15th October 1897, The Health Officer having drawn my attention to the necessity of providing quarters, in the vicinity of the depositing place at Devnur, for the men who may be employed to unload the town sweepings and for the staff engaged to supervise their work, that officer and myself paid two visits to the spot, and after having inspected various sites decided upon a high plot of ground on the line of the railway not far from the village of Chimbhur for the purpose, and steps are being taken for the acquisition of that ground. The construction of the necessary buildings will be commenced soon after the rains of 1898.

111. The following statement gives the particulars of Petty Works executed during the year 1897-98 :—

Number.	Description of Work.	Amount of sanctioned Grant.	Work entrusted to	Date of Commencement.	Date of Completion.	Total Cost of Work.
		Rs.				Rs. a. p.
1	Paving ground for dust-bin carts	560	Messrs. Devram Keshowji & Co.	May 1897 ...	July 1897 ...	550 6 4
2	Constructing Chaukies for Cemetery Karkuns.	620	"	28th August 1897. March 1898 ...	January 1898 ... March 1898 ...	571 12 3
3	Constructing Bathing Places at the old biggaris' Chal, at Palton Road.	570	" ...	1st June 1897 ...	1st August 1897 .	468 1 11
4	Constructing a Compound Wall round the vacant Municipal ground at Ripon Road.	237	" ...	October 1897 ...	November 1897...	212 7 3
5	Providing Additional Windows at the Laskars' Quarters at Gowalia Tank Fire Brigade Station.	359	" ...	13th July 1897...	24th August 1897.	238 12 7
6	Constructing a Shed over the Garlick Incinerator.	270	" ...	1st June 1897 ...	17th June 1897...	237 2 11
7	Lengthening the existing projecting roof, on the west end of the Health Department Milch Cattle Stable, Cochin Street.	538	" ...	4th May 1897 ...	August 1897 ...	435 7 10
8	Providing Canvas Curtains to the arches, on the east side on 2nd floor of the Municipal office.	339	" ...	October 1897 ...	February 1898 ...	307 2 0
9	Raising the Compound Wall of the Arthur Road Hospital.	1,198	" ...	May 1897 ...	October 1897 ...	991 9 9
10	Extension of Shed at Chinchpokly stores...	2,300	" ...	August 1897 ...	February 1898 ...	2,175 10 7
11	Alterations in Quarters occupied by the Assistant Superintendent, Bandora Slaughter Houses.	1,239	" ...	November 1897...	February 1898 ...	1,100 0 1

(*Continued from page* 325.)

Number.	Description of Work.	Amount of sanctioned Grant.	Work entrusted to	Date of Commencement.	Date of Completion.	Total cost of Work.
		Rs.				Rs. a. p.
12	Closing of the existing gateway and opening a new gateway, in the west wall of Tank Bander Burial ground.	214	Messrs. Devram Keshowji & Co.	January 1898 ...	February 1898 ...	176 2 2
13	Providing a paved platfrom for washing hose, at Sankli Tank Fire Brigade Station.	330	„ ...	September 1897 .	February 1898 ...	273 1 2
14	Providing certain weather frames, at Sankli Tank Fire Brigade Station.	904	„ ...	September 1897 .	February 1898 ...	791 12 10
15	Constructing a Shed for 14 cattle at Bandora Slaughter Houses.	762	„ ...	June 1897 ...	August 1897 ...	409 5 2
16	Erecting a One-seated latrine at Sankli Tank Fire Brigade Station.	330	„ ..	1st Sept. 1897 ...	March 1898 ...	249 12 6
17	Providing a passage between the Chief Officer's quarters and cook-room at Sankli Tank Fire Brigade Station.	903	„ ...	1st Sept. 1897 ...	March 1898 ...	817 8 2
18	Constructing a Teakwood Joist flooring in the Kerosine Oil Godown at Bellasis Bridge Pipe Depôt.	202	„ ...	June 1897 ...	February 1898 ...	173 13 3

REPAIRS TO MUNICIPAL BUILDINGS.

112. The following statement gives the particulars of the cost of Repairs to, and Maintenance of, Municipal Buildings during the year 1897-98 :—

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
	Buildings in charge of the Executive Health Officer.	Rs.	a.	p.	Rs.	a.	p.
1	Chal at Mody Bay	465	0	0	463	15	4
2	Bori Bundar Chals	152	0	0	117	5	10
3	Bori Bundar Stables	675	0	0	638	4	8
4	Inspector's Office at Bori Bundar... ...	20	0	0	.....		
5	C Ward Stable	155	0	0	128	12	11
6	D Ward Stable	20	0	0	4	13	10
7	Stables at 10th Kamatipura Street ...	400	0	0	343	1	1
8	Chinchpokly Stables	45	0	0	.....		
9	F and G Ward Stables at Dadar	120	0	0	26	9	10
10	Miscellaneous Works	825	0	0	800	5	9
	Contingencies	123	0	0	104	0	0
11	Small-pox Hospital at Arthur Road ...	372	0	0	240	8	3
12	Cholera Hospital at Grant Road	100	0	0	.....		
	Contingencies	47	0	0	30	0	0
13	Halalkhore Chal at Suklaji Street ...	170	0	0	155	11	11
14	Bullock Stable at Colaba	40	0	0	16	2	7
15	Mahim Stable	215	0	0	181	1	3
16	Chal No. 1, Colaba	55	0	0	49	1	5
17	Chal No. 2, Colaba	25	0	0	22	7	7
18	Lower Colaba N. S. Depôt	590	0	0	524	12	8
19	Khara Tank N. S. Depôt	70	0	0	53	0	7
20	Carnac Road N. S. Depôt	205	0	0	195	1	0
21	Sonapur N. S. Depôt	65	0	0	34	3	1
22	Girgaum N. S. Depôt	310	0	0	294	12	2
23	Kamatipura N. S. Depôt	90	0	0	31	2	11
24	DeLisle Road N. S. Depôt...	40	0	0	18	5	2
25	Mazagaon N. S. Depôt	350	0	0	.....		
26	Valpakhadi N. S. Depôt	35	0	0	7	12	3
27	Golangi Hill N. S. Depôt ...	20	0	0	.....		
28	N. S. Depôt on Flats ...	40	0	0	5	9	7
29	Night Branch Stable at Su... ...	406	0	0	260	12	2
30	Privies and Urinals	1,125	0	0	681	1	10
31	Miscellaneous...	125	0	0	70	10	7
	Contingenceis...	354	0	0	306	0	0
32	Cemetery Offices and Chal	68	0	0	5	14	9
	Contingencies...	7	0	0	.....		
33	Mahaluxumi Dhobiwada and Shops ...	1,250	0	0	1,228	15	1
	Contingencies	125	0	0	59	10	8
34	Falkland Road Dharamshalla	182	0	0	155	5	0
	Contingencies	18	0	0	.....		
35	Milch Cattle Stable at Mody Bay... ...	368	0	0	61	14	9
36	Milch Cattle Stable at Kamathipura ...	905	0	0	752	14	1
37	Milch Cattle Stable at Agripada	275	0	0	122	7	1
38	Chal at Agripada Milch Cattle Stable ...	70	0	0	55	10	11

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned. Rs.	a.	p.	Actual Expenditure. Rs.	a.	p.
39	Chal at Kamathipura Milch Cattle Stable..	200	0	0	2	11	8
	Contingencies	182	0	0	95	0	0
	Buildings in charge of the Superintendent of Markets.						
40	Colaba Market and Chal for Biggaris ...	60	0	0	49	5	9
41	Fort Market	455	0	0	436	14	6
42	DeLisle Road Sheep and Goat Market ...	140	0	0	129	14	11
43	Arthur Crawford Mutton Market ...	10	0	0	4	8	0
44	Do. Fruit and Vegetable Markets and Superintendent's Bungalow.	3,845	0	0	3,611	1	11
45	Arthur Crawford Fish Market ...	50	0	0	34	8	7
46	Do. Beef Market	185	0	0	173	0	1
47	Do. Tea and Purveying shop	20	0	0	19	7	6
48	Do. Fowl Rooms	125	0	0	121	2	0
49	Do. Market Godowns ...	105	0	0	56	2	10
50	Do. do. Biggaris' Chal...	50	0	0	.....		
51	Pork Market, Lohar Street	50	0	0	3	9	10
52	Erskine Road Fruit and Vegetable Markets	125	0	0	107	5	10
53	Erskine Road Fish and Meat Markets ...	100	0	0	64	13	9
54	Peddar Markets	210	0	0	200	12	9
55	Foras Road Market...	140	0	0	123	2	5
56	Bandora Slaughter Houses	450	0	0	426	10	0
57	Bandora Cattle Inspection Shed	.....			.....		
58	Bandora Inspector's and Jamadar's House	220	0	0	216	8	5
59	Bandora Sepoys' Chal	95	0	0	44	7	0
60	Bandora Butchers' Chal	70	0	0	20	0	8
61	Bandora Bullock Hospital...	140	0	0	111	11	8
62	Bandora Cattle Standing Shed	20	0	0	13	9	8
63	Bandora Superintendent's Quarters ...	330	0	0	327	9	8
64	Bandora Bullock Stable	300	0	0	117	0	6
65	Bandora Commissariat Shed	75	0	0	37	7	3
66	Bandora Slaughter House Yard	290	0	0	48	8	8
67	Bandora Biggaris' Chal [illegible] nd 2 ...	450	0	0	39	14	2
68	Miscellaneous Wo[illegible] ...	1,725	0	0	1,435	5	2
	Contingencies ... [illegible] ...	1,655	0	0	691	7	5
69	Painting Markets ... [illegible] ...	10,000	0	0	988	15	4
	Buildings in charge of the [illegible] Officer of the Fire Brigade.						
70	Fire Brigade Station in Fort	260	0	0	255	9	11
71	Fire Brigade Station at Gowalia Tank Road.	270	0	0	266	1	1
72	Fire Brigade Foreman's and Engineer's quarters at Gowalia Tank Road.	20	0	0	.....		
73	Fire Brigade Laskars' Quarters at Malabar Hill.	237	0	0	236	8	4
74	Fire Brigade Manual Engine Station at Malabar Hill.	3	0	0	.....		

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
75	Fire Brigade Station, Chinchpokly ...	78	0	0	76	9	9
76	Do. do. Colaba	15	0	0	9	14	4
77	Do. do. DeLisle Road ...	17	0	0	.....		
78	Do. do. Peddar Market ...	25	0	0	10	5	7
79	Do. do. Mahim	25	0	0	24	14	8
80	Do. do. Bhuleshwar... ...	211	0	0	205	6	2
81	Do. do. Naigam	25	0	0	10	4	4
82	Do. do. Babula Tank ...	15	0	0	14	15	7
83	Do. do. Sankli Tank ...	235	0	0	226	8	5
	Contingencies	89	0	0	86	8	0
	Buildings in charge of the Superintendent of Gardens.						
84	Victoria Gardens Buildings	1,454	0	0	1,063	6	1
	Contingencies	46	0	0	36	0	0
85	Elphinstone Circle Garden Buildings ...	136	0	0	...	..	
	Contingencies	14	0	0	6	0	0
86	Falkland Road Garden Buildings... ...	68	0	0	.....		
	Contingencies	7	0	0	7	0	0
87	Northbrook Garden Buildings	68	0	0	.....		
	Contingencies	7	0	0	7	0	0
	Buildings in charge of the Executive Engineer.						
88	A Ward Office (S and B)...	50	0	0	35	7	11
89	B and C Ward Offices (S and B)... ...	385	0	0	348	4	10
90	D Ward Office (S and B) and Assessment.	40	0	0	4	1	9
91	E Ward Office (S and B)	100	0	0	90	2	3
92	E Ward Office (Assessment)	80	0	0	1	4	1
93	F and G Ward Offices (S and B and Assessment).	136	0	0	102	1	6
94	Queen's Statue	250	0	0	99	0	5
95	Flora Fountain	80	0	0	35	12	0
96	Prince of Wales Statue	70	0	0	5	5	11
97	Dr. Blaney's Statue...	30	0	0	4	2	11
98	Chal at Dadar	190	0	0	173	0	1
99	Kerosine oil Godown at Bellasis Bridge Pipe Depôt.	75	0	0	.....		
100	Photometer House, Parel	30	0	0	.....		
101	Old Duncan Road Fire Brigade Station...	30	0	0	.....		
102	Old Paidhoni Fire Brigade Station ...	40	0	0	.....		
103	Miscellaneous Works	50	0	0	23	14	0
	Contingencies	164	0	0	156	8	0
104	Municipal Office Building	2,717	0	0	1,706	5	3
	Contingencies	273	0	0	189	0	0
105	Municipal Workshops Buildings	1,917	0	0	1,370	8	8
106	Municipal Stores Building and Bungalow..	246	0	0	56	11	6
	Contingencies	54	0	0	27	0	0

Repairs to Municipal Buildings—(*continued*).

Consecutive Numbers.	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
	Buildings in charge of the Executive Engineer, Drainage Branch.	Rs.	a.	p.	Rs.	a.	p.
107	Churney Road Chauki	199	0	0	198	10	2
108	Bapty Road Chauki	174	0	0	11	13	0
109	Bellasis Bridge Pipe Depôt	70	0	0	5	7	0
110	Foras Road Chauki	50	0	0	.....		
111	Carnac Road N. S. Depôt Servants quarters.	7	0	0	.....		
	Contingencies...	50	0	0	50	0	0
112	Engine House Love Grove...	88	0	0	71	13	11
113	Boiler House including Coal Shed and Shred Lifter.	67	0	0	38	2	11
114	Engineer's Quarters, &c.	188	0	0	158	12	6
115	Old and new Servants' Quarters	112	0	0	107	3	10
	Contingencies	45	0	0	22	0	0
116	Love Grove Sluice Houses...	140	0	0	65	13	0
117	Warli Koliwada Sluice Houses	270	0	0	154	8	5
118	Dharavi Road Sluice	90	0	0	4	13	7
	Contingencies	50	0	0	44	0	0
119	Sluices at Town Hall	293	0	0	244	12	0
120	Colaba Engine House	182	0	0	.....		
	Contingencies	18	0	0	.....		
	Buildings in charge of the Executive Engineer, Water Works Branch.						
121	Chinchpokly Stores, Bungalow, Office and Chals.	400	0	0	387	0	8
122	Malabar Hill Inspector's Quarters ...	538	0	0	377	1	5
123	Chinchpokly Sluice House	200	0	0	140	13	5
124	Mahim Sluice House	50	0	0	.....		
125	Sion Sluice House	25	0	0	.....		
126	Bhoiwada Sluice House	100	0	0	.....		
127	Haines Road Sluice House...	25	0	0	.....		
128	Dadar Sluice House...	30	0	0	.....		
129	Matunga Sluice House	50	0	0	.....		
130	Bhandarwada Inspector's Quarters and Chals.	400	0	0	120	1	4
	Contingencies	182	0	0	165	0	0
131	Labourers' Shed at Ghatcooper ...	177	0	0	124	14	5
132	Cabins and Sluice Houses at Ghatcooper Kerol, Kutchera and Sion.	80	0	0	72	12	0
133	Linemen's Shed at Kurla	17	0	0	.....		
134	Labourers' Shed at Kurla Creek	280	0	0	152	3	2
135	Sluice Houses at Bangara, Marol and Santa Cruz.	241	0	0	169	6	10
	Contingencies	80	0	0	40	0	0
136	Linemen's shed at Siphon No. 4 South ...	46	0	0	46	0	0
137	Do. do. „ 5 North ...	46	0	0	46	0	0
138	Do. do. „ 6 North ...	24	0	0	24	0	0
139	Do. do. at Gundowli ...	24	0	0	24	0	0
140	Do. do. at Pakran ...	46	0	0	46	0	0

Repairs to Municipal Buildings—(*concluded*).

Code Number	Names of the Buildings.	Amount apportioned.			Actual Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
141	Bungalow at Kasheli	90	0	0	90	0	0
142	Sluice House at Kasheli	46	0	0	45	8	0
143	Bungalow and Labourers' Shed at Kapurbawdi.	150	0	0	150	0	0
144	Painting to Bassein Creek Bridge ...	331	0	0	291	0	5
	Contingencies	80	0	0	.....		
145	Engineer's Bungalow at Tansa	33	0	0	30	10	6
146	Laskars' Chals at Tansa	25	0	0	23	3	0
147	Linemen's Shed at Khosta...	94	0	0	91	0	0
148	Linemen's and Labourers' Sheds at Bhorunda.	167	0	0	165	3	0
149	Bungalow at Newada	287	0	0	157	12	4
150	Linemen's and Labourers' Sheds at the North of Mandola Siphon.	200	0	0	175	11	2
151	Linemen's Sheds at the South of Mandola Siphon.	109	0	0	66	9	0
152	Linemen's Sheds at the North of Khaling Siphon.	33	0	0	24	5	0
153	Bungalow at Khaling	9	0	0	8	8	0
154	Linemen's and Labourers' Sheds at the North of Agra Road Siphon.	83	0	0	77	10	5
155	Repairs to Cabins	44	0	0	39	14	9
156	Linemen's Shed at Khaling	45	0	0	42	0	10
	Contingencies	113	0	0	55	0	0
	Building in charge of the Secretary and Curator, Victoria and Albert Museum.						
157	Victoria and Albert Museum	792	0	0	654	8	3
	Contingencies	28	0	0	19	0	0

C.

DRAINAGE WORKS.

	Paras.
PUMPING STATION AT LOVE GROVE, WARLI	8, & 113 to 139
Efficiency of Worthington pumping engines ...	113 & 114
Renewal of bushes of engine No. 2	115
Repairs to the left-hand pump rod of engine No. 3	116
Repairs to the valve frames of the pump ...	117 & 118
Rainfall registered at the Station	119
Total number of revolutions of the engines during each month of the year	120 to 123
Total yearly consumption and average daily consumption of coal and the average rates paid for different descriptions of coal used ...	124 & 125
Trial of Borrea A Seam anthracite coal ...	126
Purchase of the dermatine valve faces ...	127
Substitution of copper feed pipes with iron ones.	128
Purchase of six solid drawn brass tubes ...	129
Four additional safety valves for the boilers ...	130
Partial obstruction of the outlet of the outfall sewer	131
Cracks in the masonry outfall chamber on the line of the outfall sewer	132
Temporary repairs to the chamber	133
Preparation of designs for a cast-iron chamber.	134
Absence of plague from the station	135
Deaths amongst the establishment	136
Conversion of the old engine-house into a shred lifter chamber, office and godown ...	8 & 137
Continued occupancy by Lieut.-Col. J. Anderson of the bungalow owned by the sons of the late Mr. Varjivandas Madhavdas ...	138
Statement of the Budget Grants of the Pumping Station	139

	Paras.
HOUSE DRAINAGE CONNECTIONS, &c. ...	140 to 150
Putting the house drainage connections of 98 houses in the Mandvi District into proper working order	140
Treatment of the drainage fittings of plague affected houses in Mandvi and various parts of the City	141 & 142
House drainage connections of 27 houses in Kalachauki Road	143
Remodelling of the sanitary arrangements of 10 houses in Modi Street, 8 houses in Lalwadi and 25 houses in various parts of the City...	144
Street connections in Colaba District	145
Execution of the street portions of house drainage connections in Colaba, Parel, Mandvi, Khamballa Hill, Mugbhat and Carnac Road Districts and of houses in an insanitary condition	146
Contract with Messrs. Dewram Keshavji and Company for the execution of the street portions of house drainage connections ...	147 & 148
House drainage connection of the old Girgaum Police Court Buildings	149 & 150
DRAINS AND SEWERS, CATCH-PITS, WATER GULLIES, MANHOLES, VENT-SHAFTS, &c.	8, 151 to 181 & 409
Ovoiding the side drains in Northbrook Street..	8 & 151
Storm-water drain in the ground newly acquired and added to the Victoria gardens	8, 152 to 154
Repairing and renewing a portion of the double barrel storm-water drain running through the Mint compound from near the North Entrance of the Town Hall	8, 155 & 409
Catchpit on the Mint Road sewer	8, 156 to 158
Catchpit on the Hornby Road sewer near the Arthur Crawford Markets	159
Water gullies in different parts of Bombay ...	160 to 166
Tidal flaps at the mouth of the double barrel masonry drain passing through the Mint compound	167 to 169

DRAINS AND SEWERS, CATCH-PITS, WATER GULLIES, MANHOLES, VENT-SHAFTS, &c.—*contd.* Paras

Construction of permanent manholes in drains in Wards A, B, C, D and E ... ... 170 & 171

Laying pipe sewers in certain narrow streets in the Mandvi District ... ... 172 to 174

Storm-water drainage arrangements on Marine Lines Road near the B. B. & C. I. Railway Administrative Offices ... ... 175 to 178

Ovoiding the road side drains in Dockyard Road, Gunpowder Road, Gungabudi Road and part of DeLima Street and the one alongside the St. Peter's Girls school ... 179 to 181

INSTALLATION FOR PROVIDING ELECTROLIZED SEA-WATER ... ...182 to 201 & 409

Starting of the plant for producing electrolized sea-water 182

Leak in the existing 18″ iron pipe from the Night-soil Depôt to the Carnac Bunder ... 183 & 184

Fixing of the Workshop pumping plant and use of the 18″ pipe as a delivery main 185

Disposal of the fluid produced from the plant... 186

Closing of the plant at the commencement of the rains 187

Result of observations taken 188

Lines on which the experiments were decided to be carried out 189

Grant for the working expenses of the plant and for sundry additional works ... ... 190 to 193

Purchase of a dynamo motor and switch-board instruments for the work 194

Construction of an underground chamber for the motor and pump 195

INSTALLATION FOR PROVIDING ELECTRO-LIZED SEA-WATER—*contd.*	Paras.
Fitting up of the plant, providing overhead line, &c.	196 & 409
Impracticability of restarting of the plant until the close of the year	197
Result of the use of the fluid	198
Cost of maintaining the plant	199 & 201
Employment of two watchmen to take care of the plant during the rains...	200
Total cost of working and maintaining the plant during the year	201
MISCELLANEOUS WORKS	8, 202 to 215
Conversion of the Night-soil depôts at Bhungi Mohollа and Haines Road into receiving depôts	8, 202 to 210
Erection of a wind-mill and pump to lift sub-soil water at Kamathipura	211 to 213
Removing, raising and refixing the service pipes of flush tanks in the gullies at Kamathipura, Foras Road and Ripon Road.	214 & 215
LATRINES AND URINALS	8, 216 to 229
LATRINES	8, 216 to 224
Golanji Hill	8 & 216
Bhoiwada	217
Kalikat and Kochin Street	218 & 219
Imamwada	220 & 221
Colaba	222 & 223
Walkeshwar	224
URINALS	225 to 229
Frere Bridge	225
Mumbadevi Tank	226
Parel Road	227
Masjid Street	227
Barrack Street...	227
Apollo Bundar..	228
Apollo Street	229

	Paras.
DRAINAGE SLUICES	230 to 232
Sluices and penstocks in charge of the Drainage Branch	230
Expenditure for the maintenance	231
Proposed repairs to the Sluices at Dharavi, Warli and Love Grove	232
MISCELLANEOUS DRAINAGE	233 to 238
Repairs, alterations, construction and flushing of drains and sewers	233
Work done by scrapers	234
Execution of sanitary works at the Plague Hospitals and Segregation Camps	235
Service of notices	236 & 237
Issue of summonses	238
WORKS EXECUTED	239 & 240
Departmentally	239
By the Petty Work Contractors	240
STORES AT BELLASIS BRIDGE DEPOT ...	241 to 261
Stoneware pipes	241 to 245
Cast-iron and galvanized sheet-iron fittings, manhole frames and covers and other fittings...	246 to 250
Cement	251 to 259
Value of stores in hand and of stores received, issued, and balance	260 & 261

LOVE GROVE PUMPING STATION.

113. The Worthington Engines, which have now been working for nearly five years, continue to give satisfaction.

114. The efficiency of the pumps, as tested by fortnightly observations taken by the Drainage Staff, showed an average of 91·90 per cent. This is nearly one per cent. more than the average efficiency of the previous year, and is probably due to the renewal of the ram bushes of No. 1 Engine, at the commencement of the year.

115. The bushes of No. 2 Engine, which are now much worn owing to the passage of silt through the pumps, are about to be renewed, and when the work is completed it is expected that the efficiency will show a further improvement.

116. On the 19th August 1897, the left hand pump rod of No. 3 Engine broke, but was at once replaced with a spare one.

117. The valve frames originally supplied with the pumps, are gradually wearing out and break occasionally. They are replaced with others of a stronger pattern, made at the Municipal Workshops.

118. None of the new frames have yet broken. The wearing surfaces of these frames have been specially made easily removable, so that worn out parts can be replaced at a small cost and a large expenditure for the entire renewal of any of the frames, is thereby avoided.

119. The rainfall registered at the station during the year was 78·5 inches.

120. The following table gives the combined total number of revolutions of all the Engines for each month of the year:—

Month and Year.	Total Number of Revolutions.
March 1897	1,798,938
April „	1,681,774
May „	1,776,889
June „	1,783,306
July „	2,131,919
August „	2,175,046
September „	2,374,909
October „	2,123,261
November „	1,987,586
December „	1,991,946
January 1898	1,929,112
February „	1,575,718
Total for the year ...	23,330,404

121. The total number of revolutions is slightly in excess of last year, but it is satisfactory to note, that the coal consumption has been kept, within the Budget grant.

122. This is principally due to the greater efficiency of the new engines and to the exclusive use of Indian coal.

123. The great objection to the use of Indian coal alone, lies in the large quantity of dense smoke given off, and therefore, whenever the rates for Welsh coal are reasonable, it is desirable to use that coal mixed with Indian coal, in order to reduce the smoke to a minimum. The high rates prevailing for Welsh coal prohibited its use, during the year.

124. 1,899 tons 16 cwt. 2 qr. 14 lbs. of Sibpur-Bengal coal, 1,420 tons of Borrea A. Seam Anthracite coal, 250 tons of Deshaghar coal and 100 tons of Singareni Deccan coal, were consumed during the year.

125. The average rate per ton, paid for Sibpur coal, was, Rs. 13-14-6, for Borrea Rs. 14-8-0, for Deshaghar Rs. 14-8-0 and for Singareni Rs. 13-12-0. The average rate per ton for all these descriptions of coal was Rs. 14-2-7½ against Rs. 14-1-5, in the previous year, during which year a large quantity of English coal was used at higher rates. The average daily consumption was 10 tons 1 cwt. 10½lbs.

126. Borrea A. Seam Anthracite coal was tried, for the first time during the year. It is an excellent steamcoal, but although it is classed by the suppliers, as an anthracite, *i.e.*, smokeless coal, it nevertheless gives off a considerable quantity of smoke, when consumed by itself. At present it is being used, with an admixture of Cardiff coal in the proportion of half-and-half, and the results, both as regards consumption and absence of smoke, are very satisfactory.

127. 1,000lbs. of Dermatine valve faces were purchased, during the year, from Messrs. Richardson and Cruddass at the rate of Rs. 3-5-0 per lb., for the pumping machinery.

128. Copper feed-pipes were substituted for iron ones, on engines No. 2 and 3 (as was done during the last year to engines No. 1 and 4) by Messrs. H. I. Dixon and Company, at a cost of Rs. 277-8-0. This amount is the same as that paid to them in the previous year, for engines No. 1. and 4.

129. Six solid drawn brass tubes, for sheathing the pump rods, were purchased from Messrs. John Fleming and Company, at a cost of Rs. 537, being at the rate of twelve annas per lb. These tubes were specially made in England for the work and are intended to be used in place of the gun-metal sheathing, which had originally been cast on to the rods. The drawn metal is tougher than cast metal and as it has been found to be cheaper, some saving will result in future, in the cost of repairs to the pump rods.

130. The four additional safety valves for boilers mentioned in the last year's report, as being under construction, were completed during the year under report and fixed to the boilers, at a total cost of Rs. 455-2-8. The amount sanctioned for the work, was Rs. 634.

131. On the 15th July, when it was raining heavily, the outlet of one of the barrels of the out-fall sewers became partially obstructed during the flood tide. The ebb tide however cleared away the obstruction and there was no further trouble in this respect.

132. The masonry out-fall chamber, on the line of the out-fall sewer, has for sometime been developing cracks of a serious nature. The pressure in the chamber is considerable, during the rough weather of the south-west monsoon, owing to the large quantity of sewage, which

is discharged during that part of the year and also owing to the pulsations, caused by heavy waves rolling against the mouth of and into the out-fall pipes.

133. The chamber has been efficiently stayed to prevent a collapse; but as there is a considerable escape of gas from the cracks, which has given rise to complaints, from residents on Warli Hill, it is necessary that some improvement should be made.

134. Designs for a cast-iron chamber, which will be more reliable than one of brick-work, for withstanding internal pressure, are now in course of preparation.

135. There have been no attacks or deaths from plague, at the station during the year. Such immunity is remarkable, as the men frequently come in contact with the sewage (which might be supposed to contain active bacilli) while examining the pump-chambers and cleaning the shred-lifters.

136. Two deaths—one from consumption and one from paralysis—occurred amongst the establishment, during the year.

137. The work of converting the old engine house, into a shred-lifter chamber, office and godown, is now in hand. The progress of the work has not been very rapid, owing to the difficulty experienced in removing the very solidly constructed brick-work foundations of the old engines. The bricks built up in cement mortar, being almost as difficult to remove as solid rock.

138. Veterinary-Lieut.-Col. J. Anderson continued to occupy during the whole year the bungalow on the property owned by the sons of the late Mr. Varjivandas Madhavdas, at a monthly rental of Rs. 80.

139. The following statement shows the grants and actual expenditure under each head in the Budget, for the maintenance of the station.

Sections.	Particulars.	Budget grant with transfer and extra grants.	Expenditure.	More.	Less.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Establishment	11,772 0 0	11,727 9 11	.....	44 6 1
2	Coal	52,000 0 0	51,985 2 10	.....	14 13 2
3	Repairs to Machinery ...	7,500 0 0	7,398 0 1	.....	101 15 11
4	Contingencies and Stores ...	17,325 0 0	12,697 12 0	.....	4,627 4 0
5	Repairs to Buildings ...	500 0 0	376 1 2	.....	123 14 10
6	Ground-rent ...	18 0 0	17 1 10	.....	0 14 2
7	Water-supply *plus* Rent of Meters	4,920 0 0	3,095 6 5	.....	1,824 9 7
8	Halalkhore Tax	438 0 0	434 4 2	.....	3 11 10
9	Telephone Connection ...	350 0 0	294 15 4	.. ...	55 4 8
	Total ...	91,823 0 0	88,026 5 9	.....	6,796 10 3

HOUSE DRAINAGE CONNECTIONS.

140. The existing house connections of 98 premises, in the Mandvi District, were put into proper working condition, at the cost of the house owners, the expenditure being Rs.4,675-14-10 exclusive of Rs. 845-1-1, debited to the grant for the street portions of house drainage connections for work done in the Municipal roadways, and Rs. 86-6-5 debited to the Plague Grant, being the value of plant and utensils, which could not fairly be debited to the house owners.

141. The treatment of the drainage fittings of houses, in which cases of plague had occurred in Mandvi and other localities, was carried out at the cost of the house owners as follows :—

No.	Districts.	No. of houses treated.	Amount charged to Private Owners.	Amount charged to the Plague Grant.
			Rs. a. p.	Rs a. p.
1	Mandvi	107	20,249 2 8	2,578 9 10
2	Various parts of the City	259	29,809 13 10	6,930 12 8

142. The amounts debited to the Plague Grant, were for plant and utensils such as buckets, pickaxes, wooden shafts, baskets, &c.

143. The house drainage connections of twenty-seven houses in Kalachauki Road, were made at the owners' expenses, amounting to Rs. 19,867-5-7, exclusive of Rs. 623-8-11, and Rs. 165-0-2 debited respectively to the grant for the street portions of house drainage connections and to the plague grant.

144. The sanitary arrangements of ten houses in Modi Street, eight houses in Lalwadi and twenty-five houses in various parts of the City, were thoroughly remodelled at the following cost :—

No.	Districts.	No. of houses remodelled.	Amount charged to Private Owners.	Amount charged to the Street Connections Works.	Amount charged to the Plague Grant.
			Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Modi Street	10	5,203 6 9	413 9 5	25 1 3
2	Lalwadi	8	11,980 1 11	1,193 15 9	65 12 0
3	Various parts of the City ...	25	26,102 11 10	844 10 1	9 6 0

145. The street portions of house drainage connections in Colaba, were attended to, by the special Drainage Department.

146. The street portions of house drainage connections elsewhere were executed, during the year, as follows :—

No.	Name of the District.	Number of premises dealt with.	Total cost.
			Rs. a. p.
1	Parel	124	8,629 0 0
2	Mandvi	183	10,812 0 0
3	Khamballa Hill	47	6,713 0 0
4	Mughbhat	72	5,272 0 0
5	Carnac Road	79	4,124 0 0
6	Houses in unsanitary condition...	109	8,540 0 0
	Total ...	614	44,390 0 0

147. Tenders, returnable on the 11th October, were invited for the execution of the street portions of house drainage connections in various parts of the City, and Messrs. Deoram Keshavji and Company's tender (being the lowest of the four received) was accepted, under the Standing Committee's Resolution No. 7748, dated 24th November 1897.

148. The contract for the work was executed on the 12th January 1898. The street portions of house drainage connections carried out by the contractors, up to the 28th February 1898, were as follows :—

Name of the District.	No. of connections.	Total cost.
		Rs. a. p.
Khamballa Hill	14	552 4 8
Mandvi	23	480 2 1
Houses in unsanitary condition	12	796 8 9
Mughbhat	14	392 6 11
Parel	7	302 13 7
Total ...	70	2,524 4 0

149. A sum of Rs. 1,605 was sanctioned in the budget for 1897-98 for providing house drainage connections to the south and east wings of the old Girgaum Police Court Buildings belonging to the Municipality, at present occupied by the Police.

150. The work was carried out departmentally and completed on the 27th January 1898 at the total cost of Rs. 1,456.

DRAINS AND SEWERS, CATCHPITS, WATER GULLIES, MANHOLES, VENT-SHAFTS, &c.

Ovoiding the side drains in Northbrook Street and erecting four flush tanks for the same.

151. This work was completed on the 10th July 1897, at a cost of Rs. 3,385-7-3, as stated in the last Administration Report. It was done departmentally.

Storm-water drain in the ground newly acquired and added to the Victoria Gardens.

152. The contract for this work was executed by Messrs. Deoram Keshavji and Company on the 10th May 1897.

153. They started the work on the 16th May 1897 and were bound, under the terms of their contract, to complete it by the 15th August 1897. They were, however, unable to do so, until the 31st October 1897. They explained that progress of the work was interrupted by the rains, but as they had done very little work in the first month, which was very nearly wholly dry, and as they had failed to employ a sufficient number of men, from the commencement of the work, the charges (Rs. 217-10-2) for establishment incurred by the Municipality for supervising the work from the 15th August to 31st October 1897 were recovered from them, and the contract time for the completion of the work was extended to the 31st October 1897, under the Standing Committee's Resolution No. 8389 of 15th December 1897.

154. The total cost of the work, including establishment charges, amounted to Rs. 5,347-6-4.

Repairing and Renewing a portion of the Double Barrel Storm Water Drain running through the Mint Compound, from near the North entrance to the Town Hall.

155. The work, to which allusion is made in the last year's Administration Report, was completed departmentally, on the 21st May 1897, at a total cost of Rs. 4,928-3-2.

Catch-pit on the Mint Road Sewer.

156. The cast-iron pipes and bends required for the catch-pit were indented for from the casting contractors on the 18th November 1897 and received on the 7th March 1898.

157. The execution of the work was taken in hand departmentally and was in progress at the end of the year.

158. The certified expenditure on account of the work, up to the 31st March 1898, was Rs. 20-7-0.

(*b*) Catch-pit on the Hornby Road Sewer near the Arthur Crawford Markets.

159. A grant of Rs. 5,022 was sanctioned in the Budget for 1897-98, but the execution of the work was deferred till the ensuing year, in consequence of financial difficulties.

Construction of Water Gullies in different parts of Bombay.

160. A sum of Rs. 7,149 was sanctioned in the Budget for 1897-98 for the construction of water gullies in various places.

161. The following statement shows the particulars of the sanctioned grants and expenditure on account of each work :—

No.	Particulars.	Amount sanctioned for the Work.	Expenditure up to 31st March 1898.	Expenditure on completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Two single water gullies, at the junction of Kumbhar Lane and Bhuleshwar Lane.	158 0 0	.....	142 9 9
2	Water gully with branch drain, on Esplanade Road, west side, opposite to Clock Tower ...	662 0 0	38 2 1	532 0 0
3	Water gullies with branch drains, in Palton Road	748 0 0	68 2 8	579 3 1
4	Water gully with branch drain, at the junction of Parel Road and Victoria Road	1,143 0 0	61 13 1	917 13 1
5	10 half-size water gullies, at Ripon Road and connecting them with the storm-water drain	1,088 0 0	50 6 9	1,024 15 3
6	One water gully and one catch-pit, at the junction of Gamdevi Road and Gowalia Tank Road..	1,404 0 0	7 8 0	1,194 10 5
7	Two water gullies, at the east end of Carnac Bridge	263 0 0	10 0 0	.....
8	Three water gullies and connecting drains, in Hornby Road, in front of Victoria Terminus ...	1,015 0 0	.....	.....
9	Connecting 6 half-size water gullies with the main storm-water drain, in Gilder Street Cross Lane	140 0 0	.....	.....
10	Water gully with branch drain, in Fort Street near Bazar Gate Garden	486 0 0	.....	441 9 8
11	Water gully near the Stand-pipe, at the Custom Pier Road, Mazagon	42 0 0	.....	.....

162. The first six works were entrusted to the petty work contractors and executed at the total cost mentioned against each.

163. The works referred to in items Nos. 7 and 8 were also entrusted to the petty work contractors, and were in progress at the end of the year.

164. The ninth work was carried out departmentally at the cost noted against it. The amount provided in the Budget for this work being exclusive of the cost of constructing the water gullies themselves, the expenditure incurred on that account was met from the grants for miscellaneous drainage new works, as per Municipal Commissioner's No. 8836, dated 13th July 1897.

165. The work in item No. 10 was not executed, as a water gully was found to exist at the site selected for the same.

166. The work described in item No. 11, though entrusted to the petty work contractors, could not be executed, as Mr. Pestonji Nasserwanji Godiwalla raised objections to the drain from the water gully being carried through his land or wall, and the matter was under consideration at the end of the year.

Tidal Flaps at the mouth of the Double Barrel Masonry Drain passing through the Mint Compound.

167. A grant of Rs. 1,000 was sanctioned for the work in the Budget for 1897-98.

168. The work was taken in hand departmentally, as sanctioned by the Municipal Commissioner, under his No. 3777, dated 17th May 1897.

169. It was completed on the 3rd March 1898 at a total cost of Rs. 980-3-2.

Construction of Permanent Man-holes on Drains in Wards A, B, C, D and E.

170. The sites for the man-holes were selected by the Health Officer in February 1898, and the execution of the work taken in hand departmentally was in progress at the close of the year.

171. The certified expenditure against the grant of Rs. 2,000 for this work amounted to Rs. 659-11-11 on the 31st March 1898.

Laying Pipe Sewers in certain narrow Streets in the Mandvi District.

172. A grant of Rs. 4,047 was sanctioned for the work, under the Municipal Commissioner's No. 18184, dated 18th October 1897, from the amount of Rs. 33,829-3-0 reserved for such works, from the grant sanctioned for the pipe sewer works, in the 1st Drainage Section.

173. A portion of the work was executed departmentally, and it was then deferred until the owners made the drainage connections of their houses, with the existing storm-water drains, on the improved system, so that the connections can be immediately transferred to the pipe sewers, when constructed in the place of the existing storm-water drains.

174. The certified expenditure against the grant, up to the 31st March 1898, was Rs. 3,561-14-3.

Storm Water Drainage Arrangements on Marine Lines Road, near the B. B. and C. I. Railway Administrative Offices.

175. A grant of Rs. 2,452 was sanctioned for the work in the Budget for 1897-98.

176. The work was taken in hand departmentally and completed on the 31st October 1897 at a total cost of Rs. 2,420-3-1.

177. The drain was connected to the Government storm water drain in the locality, with the permission of Government.

178. In according permission to the drain being so connected, Government have reserved to themselves the power to disconnect the Municipal drain at any time it might appear to them necessary to do so, in order to maintain the efficiency of the Government drain (*vide* Government Resolution, Public Works Department, No. C. W. 1145, dated 18th August 1897).

Ovoiding the Road-side Drains in Dockyard Road, Gunpowder Road, Gungabudi Road and part of DeLima Street.

179. The sullage stagnating in pools, in the abovementioned drains, caused a serious nuisance, and as plague was raging in the localities, the Municipal Commissioner, under his No. 21697, dated 18th January 1897, sanctioned an expenditure of Rs. 7,385 from the Plague Grant for the work of ovoiding the drains.

180. The work was executed departmentally and completed on the 31st March 1897 at a total cost of Rs. 3,701-6-2.

181. The ovoiding of the side drain alongside the St. Peter's Girls School having been executed as part of the above works, the sum of Rs. 1,045, sanctioned for that work in the Budget for 1897-98, was transferred to the grant for Repairs and Alterations to Drain Section III, Miscellaneous Drainage, under the Standing Committee's Resolution No. 6134, dated 4th November 1897.

INSTALLATION FOR PROVIDING ELECTROLIZED SEA WATER.

182. The plant for providing electrolized sea water, the purchase of which was noticed in the last Administration Report at pages 281-282, was first started in regular work on the 14th May 1897.

183. For the purpose of obtaining the necessary supply of sea-water, it was originally contemplated to utilise the old 18" iron pipe, from the Night Soil Depôt to the sea at Carnac Bundar, as a suction pipe connection for a centrifugal pump to be placed at the Depôt, and to drive the pump from the engine provided for working the electrolizer.

184. After a full trial, however, this scheme had to be abandoned, owing to the leaky state of the pipe, which admitted air at some unknown point and thus prevented the pump from working.

185. The small pumping plant belonging to the Workshops was then fixed at the Bundar, and by the use of the 18" inch pipe as a delivery main an ample supply of sea-water was obtained at the Depôt.

186. The whole of the fluid produced from the plant was at first run into the Night-soil Tanks with the flushing water and from thence into the sewer ; but on the arrival in Bombay of Mr. A. E. Cooper, who was sent out by the firm of Messrs. Paterson and Cooper, the Co-patentees, to watch their interests and to advice on the working of the plant, the fluid was run into the sewer direct at that gentleman's suggestion.

187. The plant worked without interruption until the 20th June 1897, when it was closed, owing to the commencement of the rains.

188. The use of the fluid in the Night Soil Tanks did not make any very appreciable difference in the nuisance, while the carts were being emptied, but the smell in and around the depôts disappeared much more quickly, with the use of the fluid than without it, after the carts had been discharged. The walls and floors of the tanks were rendered much cleaner than before and the very numerous maggots inside the tanks were probably all killed by the use of fluid. The men who went into the tanks to clean them reported the latter circumstances with needless alarm, they apprehending that the fluid was very poisonous and might do them some personal injury. After that the fluid was turned direct into the Main Sewer, as suggested by Mr. Cooper.

189. The Standing Committee, under their Resolution No. 4950 of 25th August 1897, approved of the experiments being carried out

with the electrolizing plant, from the 1st October 1897 to the 28th February 1898, on the following lines :—

1st. "To see whether with a liberal use of the fluid through "the Night Soil Tanks and its use for washing the carts, after they "have been emptied, any appreciable reduction is made in the "nuisance arising from the Depôt."

2nd. "Whether by carting away the fluid in flushing carts, "drums, &c., it could be profitably used by the Health Department, "in place of phenyle and carbolic powder, &c., and for flushing "gutters."

3rd. "Whether public institutions, such as hospitals, would make "regular purchase of the fluid, for washing floors, clothing, &c."

190. Under the Corporation Resolution No. 1396, dated 6th May 1897, a grant of Rs. 9,691 was sanctioned for the working expenses of the plant and sundry additional works, as follows :—

(*a*)	For initial cost of providing for the electrical transmission of power to Carnac Bunder ...	Rs.	4,200
(*b*)	For working the Electrolizer, with the temporary pumping plant at Carnac Bunder, during May and June 1897 at Rs. 1,033 per mensem... ...	„	2,066
(*c*)	For working with the permanent pumping plant, from October 1897 to February 1898, at Rs. 685 per mensem	„	3,425
	Total ...	Rs.	9,691

191. The expenditure sanctioned under item (*a*) was to provide for an improved means of obtaining a supply of sea-water at the Depôt, by fixing an auxiliary Dynamo at that place, to be driven from the main engine. The electric current produced by the Dynamo was to be conveyed by an overhead line to a Chamber at Carnac Bunder and there utilized for driving an electric motor, coupled to a centrifugal pump.

192. The 18″ pipe at the Depôt was to be used as a delivery main in the same manner as when the Workshop Pumping Engine was working at the Bunder.

193. The advantage of the electric system lay in the fact, that beyond the employment of an extra oilman on Rs. 15 a month, the cost of a driver and fireman, as well as a considerable portion of the coal consumption for the steam pump, could be saved.

194. The Dynamo motor and switch-board instruments for the above work were purchased from Messrs. John Fleming and Company at a cost of Rs. 1,998.

195. The construction of the underground chamber for the motor and pump was carried out by Messrs. Dewram Keshavji and Company, at their schedule rates, at a cost of Rs. 132-12-1.

196. The work of fitting up the plant, providing the overhead line, &c., was entrusted to the Municipal Workshops at an estimated cost of Rs. 1,622.

197. It was intended to re-start the plant on 1st October 1897 after the close of the south-west monsoon, but difficulties arose with the Government Telegraph Department, regarding the overhead line, which was proposed for conveying the electric current, from the Depôt to Carnac Bunder. The Telegraph Department objected to the proposed overhead line and suggested that the line should be laid underground. The latter procedure would have materially added to the cost and would have caused an excess on the estimate, and a long correspondence ensued on the subject. Finally, in December 1897, the Director-General of Telegraphs consented to the overhead line for the greater portion of the distance to be traversed on condition that a telegraph line belonging to the G. I. P. Railway Company running parallel to Carnac Road should be removed farther south. The Railway Company was paid Rs. 60 for the removal of the telegraph line in question, but they did not carry out the work until the middle of March. In consequence of these delays it was impossible to re-start the plant before the close of the year.

198. From the time the fluid has been prepared, several experiments have been conducted, but it is premature at present to express any conclusive opinion as regards the efficiency of the fluid or its cost compared with other disinfectants. A detailed report will be submitted after the experiments are concluded.

199. The total expenditure incurred in working the plant during May and June 1897 amounted to Rs. 1,039-6-1, and the cost of maintaining the plant from July to September amounted Rs. 5-12-7.

200. Two watchmen were engaged for taking care of the plant during the rains. The pay of these watchmen was debited to the Municipal Commissioner's discretional contingencies.

201. The total cost of working and maintaining the plant, up to the end of the year, amounted to Rs. 1,135-2-8.

MISCELLANEOUS WORKS.

Conversion of the Night Soil Depôts at the Bhangi Mohalla and Haines Road into Receiving Depôts.

Bhangi Mohalla Depôt.

202. As noticed in the last Administration Report, the contractors were unable to complete this work, by the time stipulated in the contract.

203. They explained that the completion of the work was delayed, owing to the following circumstances :—

(*a*) Their workmen deserted them in large numbers, in consequence of the prevalence of the plague;

(*b*) the proprietors of the several foundaries refused to execute work for them, owing to a want of workmen ; and

(*c*) some of the castings obtained by the contractors, were not properly made and had to be re-cast.

204. The work was completed on the 30th July 1897 and no loss or extra expense was incurred by the Municipality, by reason of the delay.

205. The Standing Committee, under their Resolution No. 10783 of 9th February 1898, sanctioned the extension of the contract time, from the 26th March to 30th July 1897.

206. The total cost of the work, including the contingent charges, amounted to Rs. 2,953-3-0.

Haines Road Depôt.

207. Tenders returnable on the 11th October 1897, were invited for the work at the Haines Road Depôt, but none having been received, several contractors were requested, under a circular letter dated the 21st October 1897, to furnish tenders for the work on the 1st November 1897.

208. Messrs. Devram Keshavji and Company's tender being the lowest of three tenders received, was accepted for Rs. 9,837-5-10, under the Standing Committee's Resolution No. 25325 of 12th January 1898.

209. Orders were given to the contractors to start the work on the 25th March 1898.

210. The contractors are bound under their contract to complete the work within four months from the date of order.

Erection of a Wind Mill and Pump, to lift Sub-soil Water, at Kamatipura.

211. The apparatus was supplied and fixed by Messrs. Macbeth Brothers and Company, within the time stipulated in their contract.

212. The Wind Mill has been erected with a view to see whether by pumping up water by its means, the level of the sub-soil water, could be lowered. The Wind Mill and Pump have been working satisfactorily, but the power is small and no appreciable effect on the sub-soil water has been found. It is now proposed to sink a small well close by to determine the effect of the pumping.

213. The total cost of the work amounted to Rs. 973-9-10.

Removing, raising and refixing the service pipes of Flush Tanks, in the Gullies at Kamatipura, Foras Road and Ripon Road.

214. Many of the service pipes, which were previously fixed to the walls of the houses adjoining gullies, at Kamatipura, Foras Road and Ripon Road, rested on the surface of the gullies and were consequently likely under certain conditions to take up the sullage which ran down the surface of the gullies. To obviate this a grant of Rs. 1,324 was sanctioned in the Budget for 1897-98.

215. The work was taken in hand departmentally, in accordance with the Municipal Commissioner's No. 4238 of 21st May 1897, and completed on the 19th November 1897, at a total cost of Rs. 1,118-7-1.

LATRINES AND URINALS.

Golangi Hill Latrines.

216. The work of laying a pipe drain, from the head manhole in Parel village, to the latrines at Golangi Hill was entrusted to Messrs. Devram Keshavji and Company, Petty Work Contractors, and carried out by them, at a cost of Rs. 1,850-10-1. The remodelling of the latrines was carried out departmentally, at a cost of Rs. 1,970-6-7.

Bhoiwada Latrines.

217. The construction of a twenty-chamber latrine at Bhoiwada, was entrusted to Messrs. Devram Keshavji and Company, Petty Work Contractors, and was in progress, at the end of the year.

Latrines between Kalikat and Kochin Streets.

218. A grant of Rs. 1,912 was sanctioned for paving the open ground and constructing a bund around the latrine, between Kalikat and Kochin Streets.

219. The work was entrusted to the Petty Work Contractors and was in progress, at the end of the year.

Imamwada Latrines.

220. A grant of Rs. 2,500 was sanctioned for removing the latrines, at Imamwada and re-erecting them on the site given to the Municipality, by Nawab Kamalkhan. In addition to the above grant, a sum of Rs. 2,349-13-0 was recovered from the Nawab, as his share of the cost of the work.

221. The work was taken in hand departmentally and was in progress, at the end of year. The certified expenditure on account of the work up to end of the year, amounted to Rs. 2,061-9-7.

Colaba Latrines.

222. The erection of three sets of latrines in different parts of Colaba, has been sanctioned. The sites for two of them, were acquired under the Land Acquisition Act, in the beginning of March 1898; one at Gun Carriage Street and the other at Koli Lane. Tenders for the construction of the latrines on these sites, will be invited in the ensuing year.

223. Instead of constructing the third set of latrines on one site, it is proposed to divide it into two sets, with half the number of seats in each, and to construct them on two different sites which have been selected for the purchase of which, negotiations are going on.

Walkeshwar Latrines.

224. A grant of Rs. 5,882 was sanctioned in the Budget for 1897-98, for the construction of latrines at Walkeshwar, but the ground required for the latrines had not been acquired, till the close of the year.

Urinals at the East Approach of Frere Bridge.

225. The conversion of a three-chamber urinal, at the east approach of Frere Bridge into a water-closet, was carried out departmentally, at a cost of Rs. 648-7-9.

Urinal at Mumbadevi Tank.

226. The construction of a six-chamber trough pattern urinal, against the wall of the Mumbadevi Tank, was entrusted to the Petty Work Contractors, Messrs. Devram Keshavji and Company, and carried out by them, at a cost of Rs. 980-13-4.

Urinals at Parel Road, Masjid Street, Barrack Street, Apollo Bundar and Apollo Street.

227. The construction of the undermentioned urinals was entrusted to Messrs. Devram Keshavji and Company, Petty Work Contractors, and the work was in progress, at the end of the year :—

(1) Two-chamber trough pattern urinal, near Messrs. Richardson and Cruddas' Workshops at Parel Road.

(2) Six-chamber trough pattern urinal at Masjid Street.

(3) Four-chamber trough pattern urinal at the end of Barrack Street.

228. The construction of a six-chamber urinal at Apollo Bundar was also entrusted to the Petty Work Contractors, but the work was stopped after the opening of trenches for the same, owing to objections raised by the Port Trust and Messrs. Green and Company, to the site selected by the Health Officer. This site has therefore been abandoned. The work will be resumed on another site, after the Health Officer has selected it.

229. The work of putting up a screen in front of the urinal in Apollo Street was carried out departmentally, at a cost of Rs. 27-2-4.

DRAINAGE SLUICES.

230. The sluices and penstocks, which are in charge of the Drainage Branch, at the following places, were worked satisfactorily during the year with the usual staff :—

(*a*) Dharavi.
(*b*) Warli.
(*c*) Love Grove.
(*d*) Flats.
(*e*) Bellasis Bridge.
(*f*) Queen's Road.
(*g*) Carnac Road.
(*h*) Mint Road.

231. The expenditure incurred, for the maintenance of the sluices did not exceed the Budget provision.

232. Proposals for repairs to the timber work of the sluices at Dharavi, Warli and Love Grove were under consideration at the close of the year.

MISCELLANEOUS DRAINAGE.

233. The works under this head, comprising repairs and alterations to, and constructing and cleaning of, sewers and drains generally, together with the cleaning and flushing of the main sewers, were carried out under the supervision of the Chief Inspector of Drains.

234. Daily reports in the prescribed form showing the number of sewer scrapers and the work done, were submitted by the Chief Inspector.

235. Works in connection with the sanitary and water service arrangements at the Plague Hospitals at Modikhana, Grant Road, Northbrook Gardens, Charni Road and near the Grant Road Bridge, the Segregation Camps at Wari Bandar, Narielwadi, Modikhana, Foras Road, Morland Road, Connaught Road, and Colaba and the Contact Camp at Elphinstone Bridge, were executed at the request of the Plague Committee.

236. The following statement shows that 2,044 notices were served on house-owners.

237. Proceedings were taken in the Police Courts against those house-owners, who failed to comply with the requirements of the various sections of the Municipal Act :—

Section of the Municipal Act.	Total number of notices issued.	Subsequently complied with	Not complied with	Remarks.
230	5	.....	5	
231	903	260	643	
231 & 260	20	1	19	
232	70	25	45	
234	17	4	13	
244	3	1	2	
248	2	1	1	
251	2	.....	2	
257	1,017	684	333	
258	4	1	3	
358	1	1	.....	
Total ...	2,044	978	1,066	

238. The following statement shows the number of summonses taken out and the result thereof :—

Sections of the Municipal Act.	Total No. of Summonses issued.	Number withdrawn.	Number complied with.	Amount of fines inflicted.	Remarks.
				Rs. a. p.	
231	401	175	226	785 0 0	
232	35	.....	35	40 0 0	
234	16	11	5	106 0 0	
248	1	1	.....	.....	
257	539	120	419	579 0 0	
258	11	3	8	50 0 0	
358	4	2	2	20 0 0	
Total...	1,007	312	695	1,580 0 0	

WORKS EXECUTED.

Works executed Departmentally.

239. The following is a summary of Miscellaneous Drainage Works, executed during 1897-98, for Municipal departments and private parties by the Drainage Branch :—

Number of works.	Name of Department.	Aggregate Cost.
	Executive Engineer's Department :—	Rs. a. p.
366	Drainage Branch	70,609 4 11
19	Water Branch	414 12 0
56	Road Branch	9,473 10 0
156	Health Department	6,957 15 9
21	Market do.	1,890 12 8
2	Fire Brigade do.	5 12 0
4	Garden do.	80 15 2
13	Plague Committee's Department	40,488 0 0
35	Private Parties	4,734 0 6
672	Total ... Rs.	1,84,600 8 0

Works executed by the Petty Work Contractors.

240. The following drainage works were entrusted to, and executed, by the Petty Work Contractors, Messrs. Devram Keshavji and Company :—

Consecutive No.	Nature of Works.	Locality.	Cost of the Work.
			Rs. a. p.
1	Diverting 6" pipe drain near house No. 428 owned by Mr. Navroji Nasarwanji.	Girgam Road...	157 6 2
2	Constructing water-gully ...	Junction of Mint Road and Fort Street	163 3 6
3	Laying 6" stoneware pipe drain from the head manhole.	Parel Village Road	1,850 10 1
4	Diverting a drain...	2nd Charni Road	258 12 7
5	Constructing a six-chamber urinal.	Against the wall of the Mumbadevi Tank... ...	980 13 4
6	Repairing the drain around the Municipal well.	Opposite Angria's Wada ...	56 7 7
7	Constructing a three-chamber trough pattern urinal.	Musjid Street	586 9 1
8	Constructing two single water-gullies.	Junction of Kumbhar Lane and Bhuleshwar Lane ...	142 9 9
9	Constructing a water-gully with branch drain.	Esplanade Road	532 0 0
10	Constructing water-gullies with branch drains.	Paltan Road	579 8 1
11	Constructing water-gully with branch drain.	Junction of Parel Road and Victoria Road	917 13 1
12	Constructing 10 half-size water-gullies and connecting them with the storm-water drain.	Ripon Road	1,024 15 3
13	Constructing one water-gully and one catchpit.	Junction of Gamdevi and Gowalia Tank Road ...	
14	Ovoiding side drain	Walkeshwar Road, New Dhobi Ghat	
15	Indian Patent stone floor at Mr. Maneckji Edulji Contractor's premises.	Clare Road	
16	Diverting the open side drain in front of Mr. Jaffer Suleman's stable.	Girgam Road...	
17	Constructing a water-gully ...	Junction Victor	
18	Making fair weather connection, between open side drain and the pipe sewer.	Victoria	
19	Ovoiding drain	North-ea war R	

STORES AT BELLASIS BRIDGE DEPÔT.

Stoneware Pipes.

241. Tenders, returnable on the 23rd March 1897, were invited for the supply of stoneware pipes and fittings for house drainage connections.

242. Messrs. Richardson and Cruddas' tender, being the lower of the two tenders received, was accepted for Rs. 3,140, as per Standing Committee's Resolution No. 785, dated 21st April 1897.

243. The contractors were under the terms of their agreement bound to complete the delivery of the pipes and fittings, on the 4th November 1897, but they were unable to do so, until the 12th of that month. The reason assigned by them for the delay, was excessive breakages caused by the transit of the pipes, during the south-west monsoon.

244. As the Municipality had sustained no loss or damage, owing to the slight delay, the Standing Committee under their Resolution No. 8385, dated 15th December 1897, sanctioned an extension of the contract time, from the 4th to 12th November 1897.

245. The value of the pipes and specials (traps, junctions, bends, &c.), received during the year was Rs. 44,829-7-7 and of those issued to the different contractors and sold to plumbers and others, amounted to Rs. 45,057-12-7.

Cast-iron and galvanized sheet-iron fittings, &c.

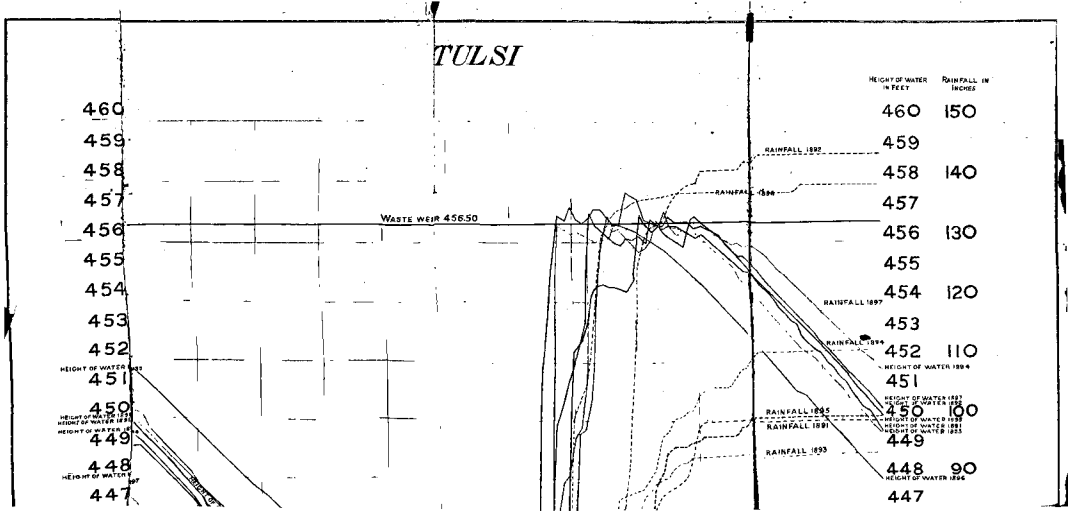
246. Cast-iron manhole frames and covers for the Special Drainage Department were supplied by Mr. Ardeshar Kawasji Patel.

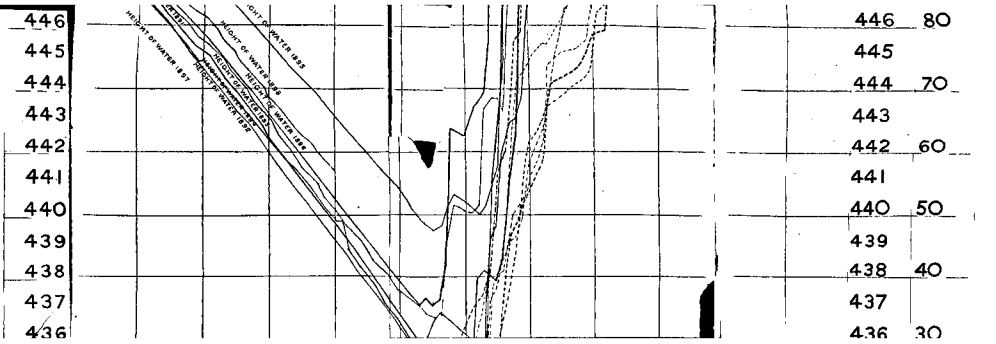
[redacted]st-iron manhole frames and covers and other castings for [redacted]inage and miscellaneous works were supplied by Messrs. [redacted]rji and Company, the casting contractors for the year.

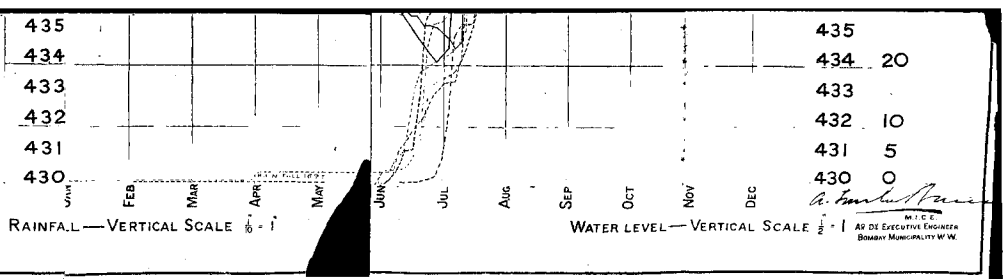
[redacted]ers, returnable on the 25th May 1897, were invited for the [redacted] pipes and fittings for House Drainage Connections. [redacted]las' tender, being the lowest of the four [redacted]d for Rs. 16,490-12-3, as per Standing [redacted]148, dated 30th June 1897.

[redacted] bound under the terms of their agree- [redacted]y of the pipes and fittings, by the 26th [redacted] unable to do so up to the close of the

[redacted] cast-iron articles received and issued. [redacted] Rs. 62,183-12-1 and Rs. 49,417-9-4,

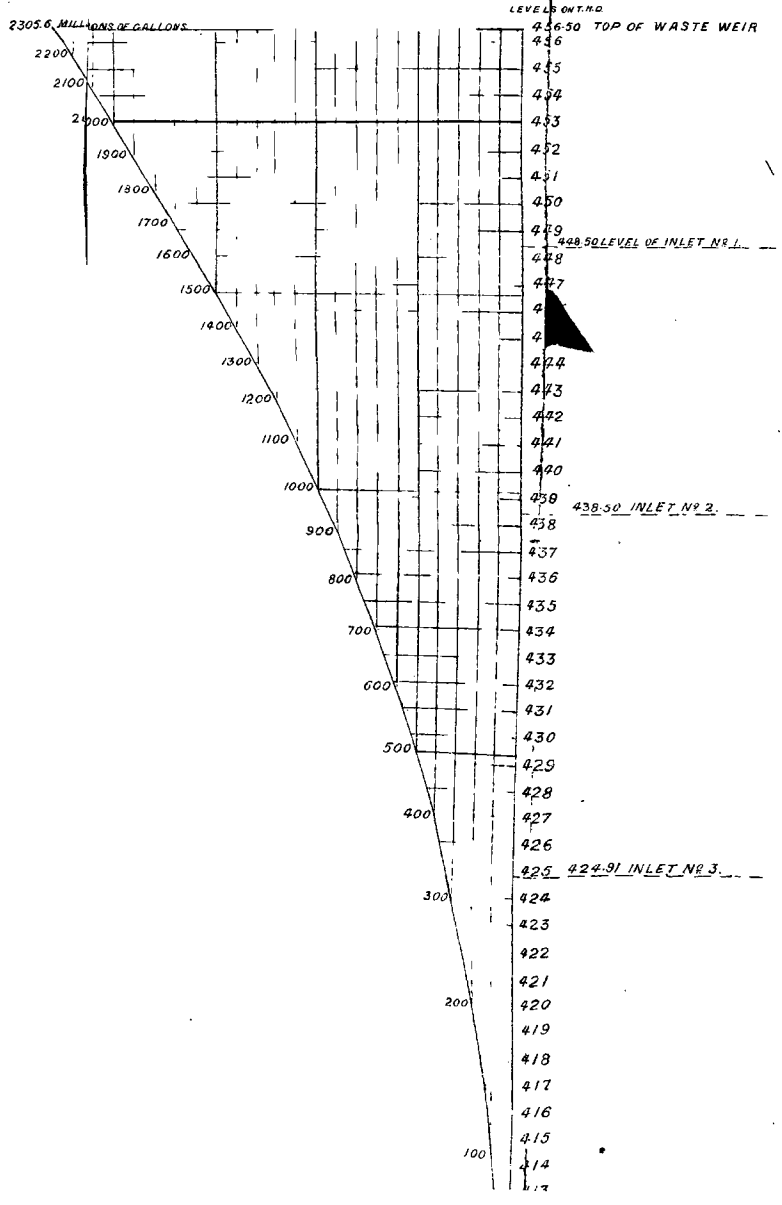

TULSI
HEIGHT OF WATER IN FEET
RAINFALL IN INCHES
460
459
458
457
456
455
454
453
452
451
450
449
448
447
150
140
130
120
110
100
90
WASTE WEIR 456.50
RAINFALL 1892
RAINFALL 1896
RAINFALL 1897
RAINFALL 1894
RAINFALL 1895
RAINFALL 1891
RAINFALL 1893
HEIGHT OF WATER 1894
HEIGHT OF WATER 1892
HEIGHT OF WATER 1891
HEIGHT OF WATER 1893
HEIGHT OF WATER 1895
HEIGHT OF WATER 1896
HEIGHT OF WATER 1897

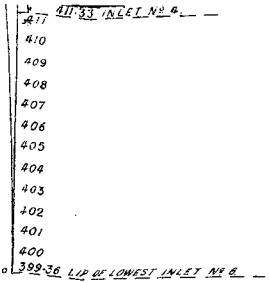

446
445
444
443
442
441
440
439
438
437
436
80
70
60
50
40
30
HEIGHT OF WATER 1857
HEIGHT OF WATER 1858
HEIGHT OF WATER 1859
HEIGHT OF WATER 1860
HEIGHT OF WATER 1861
HEIGHT OF WATER 1862


435
434
433
432
431
430
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
435
434 20
433
432 10
431 5
430 0
RAINFALL — VERTICAL SCALE 1/8" = 1'
WATER LEVEL — VERTICAL SCALE 1/8" = 1'
M.I.C.E.
AR DE EXECUTIVE ENGINEER
BOMBAY MUNICIPALITY W.W.

B. M. W. W.

DIAGRAM SHOWING CAPACITY OF WATER IN TULSI LAKE AT DIFFERENT HEIGHTS





HORIZONTAL SCALE 500 MILLIONS GALLONS TO AN INCH

VERTICAL SCALE 4 FEET TO AN INCH

A. Mitchell Bruce

M.I.C.E.

Ac. Dy. Executive Engineer
Bombay Municipality W. W.

Heights of Water in the Lake.

288. The accompanying diagram shews the comparative rainfalls and the heights of water in the lake during the different months of the last 7 years.

Days of Heavy Rainfalls.

289. The heaviest daily falls of 3 inches and above were :—

17th	June	1897	...	...	...	3·83	inches.
21st	„	„	...	...	...	7·06	„
16th	July	„	...	...	...	8·15	„
17th	„	„	...	...	...	3·85	„
22nd	„	„	...	...	...	3·10	„
24th	„	„	...	...	...	5·59	„
25th	„	„	...	...	...	5·48	„
8th	August	„	...	...	..	7·76	„
15th	„	„	...	...	...	3·38	„
25th	Sept.	„	...	...	...	3·32	„

Level of the Lake.

290. The lowest water level was 435·00 T.H.D. on the 17th June 1897.

291. The lake overflowed on the 7th August 1897, and the overflow ceased on the 9th October 1897.

Quantity of Water in the Lake.

292. The storage of water on the 1st October 1897 was 2305·6 millions of gallons, on the 31st March 1898 it was 1,304 millions of gallons.

Draw-off from the Lake.

293. The total volume of water drawn from the lake during the six dry months, from the 1st October 1897 to the 31st March 1898, was 1,001 millions of gallons, or 5·5 million gallons per day, allowing 4½ millions for supply ; this leaves about 1 million for leakage and evaporation. The total consumption for 8 months, from 1st October 1896 to 31st May 1897, was 1,322 millions of gallons, equal to 5·4 millions of gallons a day.

Table of Level and Leakage.

294. Table No. 3 gives the details of water level and gaugings of leakage at Tulsi Lake.

Tulsi Forest.

295. The Tulsi gathering ground forest is now supervised by the Government Forest Department since April 1896.

Repairs proposed.

296. The South-west catch-water channel having been breached by the last two monsoons and having generally fallen into a dilapidated condition, it is proposed to repair it during the next year.

297. The pitching of the earthen dam is in a bad state and requires to be generally overhauled.

PAWAI LAKE AND DEPENDENT WORKS.

The supply of Water and Pumping Plant.

298. This lake is not at present available owing to the cost of conveying coal to the pumping station ; it could never be regarded as an economical source of supply. Moreover, unless there were sufficient provision made for filtering all the water obtained from all the Lakes, it would not be safe to mix the Pawai water, which is highly charged with vegetable matter, with that from either Vehar or Tansa.

299. Mr. Bruce, the Acting Deputy Executive Engineer, states that an alternative method however suggests itself, by which part of the water from the Pawai Lake may at some future date be availed of by passing all the water amounting to about 4½ million gallons a day, the estimated yield from this gathering ground, through a turbine or Hydraulic Ram from 1 to 1¼ million gallons could be pumped to the Vehar filters whence it could be supplied through the Vehar 24″ pipe thus saving an equal quantity of Vehar water. The pumping plant has been in charge of the Assistant Executive Engineer, Mechanical Branch, since January 1896.

Water Level and Rainfall.

300. Table No. 4 gives the details of the water level and rainfall.

BHANDARWADA (JOHN HAY GRANT) SERVICE RESERVOIR.

Covering storage Basin and construction of Filters over it.

301. For reasons given in the last year's report, the contract for supplying and laying filtering materials was let to Mr. Sittaram Luxman at Rs. 19,448, but, though the contract time has already expired, only about half the sand has been placed in filter No. 9 and a small quantity in No. 7. The metal and nearly all the shingle have now been put in.

302. Filter No. 5 has no filtering materials in it at present. It is proposed to replace them gradually by means of the permanent staff, who will also be employed to wash and replace the sand in filters Nos. 1, 2, 3 and 4 which is becoming much choked.

303. The expenditure during the year for the work was Rs. 1,23,084-7-4.

Pointing the Walls and plastering the floor of Bhandarwada Storage Reservoir.

304. The work of pointing the four walls and paving the floor of the storage reservoir with Indian patent stone was completed by Messrs. Garlic & Co. at a cost of Rs. 23,086-0-9.

MALABAR HILL RESERVOIR.

Filters.

305. Filters Nos. 2, 3 and 4 have had some alterations made in their outlet arrangements and are now in process of being recharged with filtering materials.

306. Improvements such as the fixing of dormers over the roof of the filters, constructing clear water channels, fixing outlet regulating sluices, &c., were completed during the year at a cost of Rs. 29,626-0-5.

QUALITY OF WATER.

Crocodiles and Crocodile Eggs.

307. Only one claim for reward for the capture of a crocodile was made during the year and none for finding their eggs from the lakes.

Analyses of Water.

308. Analyses of water are given in Table No. 5.

Temperature of Water.

309. The details of the observations of the water in the lakes and service reservoirs, as regards their maximum temperatures at 6 a.m. in the different places, are given in the Table No. 6.

MISCELLANEOUS WORKS.

Connections at Chinchpokli.

310. The case in connection with the laying of the pipes within the G. I. P. Railway limits has been before the High Court and pending its decision the work is delayed.

Extensions of Water Mains.

Supplying and laying 4" cast-iron mains in various parts of the City.

311. This work was entrusted to Mr. Pallonji Edalji at a cost of Rs. 24,373-2-0 and is now nearly completed.

312. The mains were laid in the streets named below :—

	L. ft.
Chunam Kiln Road	610
Khetwadi 10th Lane	409
Kandewadi Lane...	309
Parsiwada 3rd Lane	570
Slater Road	636
Raghunath Dadaji Street	443
Waudby Road	88
Queen's Road	3,074
Khetwadi 12th Lane	1,012
Dhunji Street	1,947
Total ...	9,098

Laying 9" Main in Warli Road in place of the existing 3" one.

313. This work was entrusted to Mr. Pallonji Edalji at a cost of Rs. 48,611-6-0, but as the drainage works were also being carried out in that locality, it was considered unadvisable for both works to go on simultaneously. The laying of the water main has, however, been re-started and it is hoped will shortly be completed.

Mains in Kalachowki Road, Reay Road, Sivri Road and Dock-Yard Road.

314. A revised proposal on the laying of the mains in these roads is under the consideration of the Municipal Commissioner.

DISTRIBUTION AND MAINTENANCE.

315. As in last year, a large quantity of water was used for flushing the drains and gutters owing to the prevalence of the plague and for the same reason it was necessary to cut off a large number of house connections at the instance of the Health Officer to render the chals and other buildings drier and less unhealthy. Stand-pipes were erected and various types of self-closing taps were tried for them. The taps known as "Kenedy's wall fountain" have so far given the best results.

316. The number of connections cut off during the year on account of plague was 327 and the number of stand-pipes erected 246.

317. The consumption of water continue to be excessive amounting to an average of nearly 40 gallons a head for domestic purposes. As, however, there is constant complaint of deficient supply from people dwelling in all the higher districts (except Malabar Hill which has a special supply) and high houses as in the Apollo Reclamation and elsewhere, it must be assumed that those living in less elevated localities and lower houses use at least double the quantity. Until this is checked it seems hopeless to be able to give the former a supply for more than a few hours a day.

Public Supplies.

318. Table No. 7 gives the details of the free supplies numbering 194.

Dipping Wells.

319. The conversion of dipping wells into stand-pipes at the following places is under progress:—Sion Road, Bhoiwada Cross Road, Cowasji Patel Street, and Clerk Road.

Drinking Fountain and Cattle Trough at the Junction of Elphinstone and Dadar Roads.

320. The Corporation in their Resolution No. 7220 of 19th October 1896 having accepted the offer of Mr. Saisha R. Naidoo to erect at his expense a drinking fountain at the junction of Elphinstone and Dadar Roads, the work was entrusted to the Petty Work Contractors and it was nearly completed at the close of the year.

Bursts Repaired.

321. The repairs during the following three years have been as follows :—

Diameter of pipe.	1895-96.	1896-97.	1897-98.	Remarks.
3"	172	116	64	
4"	47	39	30	
5"	10	2	4	
6"	16	7	2	
7"	4	7	.....	
8"	2	2	4	
9"	1	1	2	
10"	.....	.....	.....	
12"	.....	.....	.....	
16"	.....	1	.....	
20"	.....	.....	1	
24"	.....	.....	.....	
27"	1	.....	.....	
32"	.....	2	2	
42"	.....	.....	.....	
48"	2	3	.....	
Total ...	255	180	109	

322. The following statement shows the localities where bursts in the large sized mains (including and over those of 12″) occurred in 1897-98 :—

Size of mains.	Date when burst.	Localities.	When repaired.
20″	17-12-97	Jail Road East ...	17-12-1897.
32″	12- 3-97	Matunga.	13-3-1897.
32″	9- 8-97	Do.	11-8-1897.

Connection Work.

Number of Water-connections in the City.

323. During the year new connections were made, of which the details are given in the table No. 10. 365 services, exclusive of those cut off on account of the plague, were disconnected either on account of the buildings being pulled down or with the Standing Committee's sanction for non-payment of rates or infringements of the provisions of the Municipal Act.

324. The net increase in the number of connections during the year, exclusive of those for the plague, was 103, bringing the total up to 19,815, being an increase for the year of 5 per cent.

325. The numbers and percentages have been :—

Years.	Number.	Percentage of total number in preceding years.
1895-96	279	1·4
1896-97	267	1·3
1897-98	103	·5

Meter Supplies.

326. The meters of different sizes in use on the 31st March 1898 numbered 2,209, being an increase of 162 on the number (2,047) for the preceding year.

327. The consumption registered through meters in the three years was—

	Gallons.
1895	1,290,519,465
1896	1,258,941,436
1897	1,253,345,113

328. Further details are given in tables Nos. 11 and 13.

FINANCIAL.

Stock.

329. The value of the reserve stock on the 1st March 1897 was Rs. 4,43,965-5-4. The purchases during the year aggregated to Rs. 59,637-1-8. The issues during the year aggregated to Rs. 91,652-9-6, and the value of the balance on the 1st March 1898 was Rs. 4,22,005-10-3. This leaves an amount on the credit side of Rs. 10,055-12-9.

Supply of Meters, Fittings, Pipes, &c.

330. During the year the contract for the supply of meters and fittings was entered into with Messrs. Garlick & Co. for the sum of Rs. 31,478-3-0.

Sale of Produce at Lakes and other Places.

331. The right of taking fruits from the trees on Municipal land about the lakes and on the pipe lines, and of taking grass, leaves, dead trees, brushwood, &c., on the Pawai Lake property, was sold in 1897-98 for Rs. 1,788 against Rs. 2,029 realized in 1896-97.

Works Executed for Municipal Departments and Private Parties.

332. The works executed by the Water Branch during the year 1897-98 for Municipal Departments and private parties amounted to Rs. 64,896-13-2 (Departmental Rs. 58,808-5-2, Private Rs. 6,088-8-0).

GENERAL.

Notices Issued.

333. Tables Nos. 8 and 9 give the number of notices issued during the year. The total was 10,010 against 9,747 in 1896-97 and 8,920 in 1895-96.

334. Applications were made to the Standing Committee and their sanction accorded, under Section 279 of the Municipal Act, to sever the connections of service pipes in 1,994 cases for different reasons; the sanction was carried out in 226 cases.

STATISTICS.

TABLE No. 1.

335. Water Level and Rainfall at Tansa Lake.

Date 1897.		Height of Water.		Rainfall.		Date 1897.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
							Brought ford.	...	...	...	...
1	January ...	400	97	...	...						
2	" ...	400	93	...	...						
3	" ...	400	89	...	...	1	February ...	399	69	...	...
				...	...	2	" ...	399	65	...	...
						3	" ...	399	61	...	...
4						4	" ...	399	57	...	...
5	" ...	400	85	...	...	5	" ...	399	52	...	...
6	" ...	400	81	...	...	6	" ...	399	48	...	...
7	" ...	400	77	...	...	7	" ...	399	44	...	...
8	" ...	400	73	...	...						
9	" ..	400	69	...	...					...	...
10	" ...	400	65	...	...						
	" ...	400	61	...	...						
						8	" ...	399	40	...	...
				...	...	9	" ...	399	36	...	...
11						10	" ...	399	31	...	...
12	" ...	400	57	...	...	11	" ...	399	26	...	...
13	" ...	400	53	...	...	12	" ...	399	22	...	...
14	" ...	400	49	...	...	13	" ...	399	17	...	...
15	" ...	400	45	...	...	14	" ...	399	13	...	...
16	" ...	400	41	...	...						
17	" ...	400	37	...	...					...	...
	" ..	400	33	...	...						
				...	...	15	" ..	399	08	...	...
18						16	" ...	399	03	...	...
19	" ...	400	29	...	...	17	" ...	398	98	...	...
20	" ...	400	24	...	...	18	" ...	398	93	...	...
21	" ...	400	20	...	...	19	" ...	398	89	...	...
22	" ...	400	16	...	...	20	" ...	398	85	...	...
23	" ...	400	12	...	...	21	" ..	398	80	...	...
24	" ...	400	07	...	...						
	" ...	400	02	...	...					...	...
				...	...						
25						22	" ...	398	76	...	...
26	" ...	399	98	...	...	23	" ...	398	72	...	...
27	" ...	399	94	...	...	24	" ...	398	68	...	...
28	" ...	399	90	...	...	25	" ...	398	64	...	...
29	" ...	399	86	...	...	26	" ...	398	60	...	...
30	" ...	399	82	...	...	27	" ...	398	56	...	...
31	" ...	399	78	...	...	28	" ...	398	52	...	...
		399	73	...	...						
	Carried over...	...	...	...	...		Carried over.	...	...	...	...

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Inches.	Cents.	Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Inches.	Cents.
Brought ford.	...	...	...	...	Brought ford.	...	...	...	...
1 March ...	398	47	...	...					
2 " ...	398	42	...	...	1 April ...	397	00	...	...
3 " ...	398	37	...	...	2 " ...	396	95	...	...
4 " ...	398	32	...	...	3 " ...	396	90	...	...
5 " ...	398	28	...	...	4 " ...	396	85	...	...
6 " ...	398	23	...	...					
7 " ...	398	19	...	..				...	...
			...	...	5 " ...	396	80	...	...
					6 " ...	396	75	...	...
8 " ...	398	14	...	...	7 " ...	396	70	...	...
9 " ...	398	09	...	...	8 " ...	396	65	...	...
10 " ...	398	04	...	...	9 " ...	396	61	...	...
11 " ...	397	99	...	...	10 " ...	396	56	...	...
12 " ...	397	94	...	...	11 " ...	396	51	...	...
13 " ...	397	89	...	...					
14 " ...	397	84	...	...				...	...
			...	..	12 " ...	396	46	...	...
					13 " ...	396	41	...	...
15 " ...	397	80	...	...	14 " ...	396	37	...	...
16 " ...	397	75	...	...	15 " ...	396	32	0	04
17 " ...	397	70	...	...	16 " ...	396	27	...	...
18 " ...	397	65	...	...	17 " ...	396	22	...	...
19 " ...	397	60	...	...	18 " ...	396	17	...	...
20 " ...	397	55	...	...					
21 " ...	397	50	...	...				0	04
			...	...	19 " ...	396	12	...	...
					20 " ...	396	07	...	...
22 " ...	397	45	...	...	21 " ...	396	02	...	...
23 " ...	397	40	...	...	22 " ...	395	97	...	...
24 " ...	397	35	...	...	23 " ...	395	92	...	...
25 " ...	397	30	...	...	24 " ...	395	87	...	...
26 " ...	397	25	...	...	25 " ...	395	82	...	...
27 " ...	397	21	...	...					
28 " ...	397	16	...	...				...	...
			...	...	26 " ...	395	77	...	...
					27 " ...	395	72	...	...
29 " ...	397	12	...	...	28 " ...	395	67	...	...
30 " ...	397	08	...	...	29 " ...	395	62	...	...
31 " ...	397	04	...	...	30 " ...	395	57	...	...
Carried over.	...	...	...	...	Carried over.	...	...	0	04

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1897.		Height of Water.		Rainfall.		Date 1897.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	0	04		Brought ford.	...	...	0	04
1	May ...	395	52	...	...	1	June ...	393	72	...	...
2	„ ...	395	47	...	...	2	„ ...	393	67	...	...
				...	...	3	„ ...	393	62	...	...
						4	„ ...	393	57	...	...
						5	„ ...	393	52	...	...
3	„ ...	395	42	...	...	6	„ ...	393	47	...	...
4	„ ...	395	37	...	...						
5	„ ...	395	32	...	...					...	...
6	„ ...	395	26	...	...						
7	„ ...	395	20	...	...	7	„ ...	393	43	...	...
8	„ ...	395	14	...	...	8	„ ...	393	39	1	25
9	„ ...	395	08	...	...	9	„ ...	393	40	0	05
						10	„ ...	393	40	...	...
				...	...	11	„ ...	393	40	0	78
						12	„ ...	393	42	...	...
10	„ ...	395	02	...	...	13	„ ...	393	38	0	06
11	„ ...	394	96	...	...						
12	„ ...	394	90	...	...					2	14
13	„ ...	394	84	...	...						
14	„ ...	394	78	...	...	14	„ ...	393	33	...	...
15	„ ...	394	72	...	...	15	„ ...	393	28	...	...
16	„ ...	394	66	...	...	16	„ ...	393	23	...	...
						17	„ ...	393	19	3	75
				...	...	18	„ ...	393	55	0	10
						19	„ ...	393	57	0	10
17	„ ...	394	60	...	...	20	„ ...	393	55	0	24
18	„ ...	394	54	...	...						
19	„ ...	394	48	...	...					4	19
20	„ ...	394	42	...	...						
21	„ ...	394	36	...	...	21	„ ...	393	51	0	68
22	„ ...	394	30	...	...	22	„ ...	393	53	0	77
23	„ ...	394	24	...	...	23	„ ...	393	62	0	72
						24	„ ...	393	78	2	37
				...	...	25	„ ...	394	10	...	...
						26	„ ...	394	18	1	85
24	„ ...	394	18	...	...	27	„ ...	394	30	0	30
25	„ ...	394	12	...	...						
26	„ ...	394	06	...	...					6	69
27	„ ...	394	00	...	...						
28	„ ...	393	94	...	...	28	„ ...	394	40	...	...
29	„ ...	393	88	...	...	29	„ ...	394	40	...	...
30	„ ...	393	82	...	...	30	„ ...	394	38	...	...
31	„ ...	393	77	...	...					...	...
	Carried over.	...	...	0	04		Carried over.	...	...	13	06

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1897.		Height of Water.		Rainfall.		Date 1897.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	13	06		Brought ford.	...	...	47	84
1	July ...	394	36	...	...	1	August ...	405	29	0	93
2	,, ...	394	32	...	...					...	...
3	,, ...	394	28	0	26						
4	,, ...	394	28	0	20						
				0	46	2	,, ...	405	20	0	49
						3	,, ...	405	13	1	10
						4	,, ...	405	20	0	80
5	,, ...	394	24	0	20	5	,, ...	405	32	1	40
6	,, ...	394	20	0	22	6	,, ...	405	40	1	82
7	,, ...	394	20	0	60	7	,, ...	405	45	7	95
8	,, ...	394	29	0	05	8	,, ...	406	30	4	25
9	,, ...	394	29	0	25						
10	,, ...	394	30	0	32					17	81
11	,, ...	394	32	3	25						
				4	89	9	,, ...	405	80	3	10
						10	,, ...	405	65	1	95
						11	,, ...	405	60	0	92
12	,, ...	395	50	0	50	12	,, ...	405	35	0	58
13	,, ...	396	00	2	00	13	,, ...	405	30	0	62
14	,, ...	396	70	1	85	14	,, ...	405	18	1	17
15	,, ...	397	70	5	10	15	,, ...	405	20	2	52
16	,, ...	401	50	2	52						
17	,, ...	402	80	2	10					10	86
18	,, ...	404	60	2	90						
				16	97	16	,, ...	405	50	1	35
						17	,, ...	405	35	0	77
						18	,, ...	405	30	0	25
19	,, ...	405	45	1	47	19	,, ...	405	19	0	30
20	,, ...	405	35	0	60	20	,, ...	405	10	2	29
21	,, ...	405	15	0	63	21	,, ...	405	40	0	50
22	,, ...	405	09	0	55	22	,, ...	405	28	0	15
23	,, ...	405	18	0	90						
24	,, ...	405	25	...	...					5	61
25	,, ...	405	20	1	37	23	,, ...	405	15	0	17
						24	,, ...	405	10	0	19
				5	52	25	,, ...	405	06	...	...
						26	,, ...	405	00	0	07
26	,, ...	405	30	1	0	27	,, ...	405	00	0	73
27	,, ...	405	28	0	35	28	,, ...	405	03	1	10
28	,, ...	405	19	0	22	29	,, ...	405	05	0	40
29	,, ...	405	12	3	50						
30	,, ...	405	60	1	02					2	66
31	,, ...	405	40	0	85	30	,, ...	405	10	0	37
				...	...	31	,, ...	405	08	0	10
	Carried over.	...	...	47	84		Carried over.	...	...	86	18

TABLE No. 1—*contd.*

Water Level and Rainfall at Tansa Lake.

Date 1897.		Height of Water.		Rainfall.		Date 1897.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	86	18		Brought ford.	...	...	103	17
1	September...	405	00	...	...	1	October ...	405	15	...	...
2	,, ...	404	99	0	30	2	,, ...	405	08	0	21
3	,, ...	404	98	0	05	3	,, ...	405	08	...	...
4	,, ...	404	98	0	06						
5	,, ...	404	96	1	40					0	21
				1	81	4	,, ...	405	00	0	77
						5	,, ...	405	10	0	02
6	,, ...	405	05	0	18	6	,, ...	405	00	...	...
7	,, ...	405	05	0	90	7	,, ...	404	98	...	...
8	,, ...	405	10	0	20	8	,, ...	404	96	...	...
9	,, ...	405	06	...	...	9	,, ...	404	94	...	...
10	,, ...	405	02	1	90	10	,, ...	404	92	...	...
11	,, ...	405	35	1	10						
12	,, ...	405	30	0	40					0	79
				4	68	11	,, ...	404	90	0	05
						12	,, ...	404	97	0	60
13	,, ...	405	08	0	10	13	,, ...	404	92	...	...
14	,, ...	405	00	...	...	14	,, ...	404	92	...	...
15	,, ...	405	00	0	25	15	,, ...	404	88	...	...
16	,, ...	405	00	0	20	16	,, ...	404	82	...	...
17	,, ...	405	00	0	03	17	,, ...	404	82	...	...
18	,, ...	404	98	...	...						
19	,, ...	404	96	1	0					0	65
				1	58	18	,, ...	404	80	...	...
						19	,, ...	404	78	...	...
20	,, ...	404	99	2	05	20	,, ...	404	75	...	...
21	,, ...	405	05	0	10	21	,, ...	404	72	...	...
22	,, ...	405	10	0	95	22	,, ...	404	70	...	...
23	,, ...	405	25	2	55	23	,, ...	404	68	...	...
24	,, ...	405	65	0	52	24	,, ...	404	60	...	...
25	...	405	30	1	60						
26	...	405	30	0	15					...	...
				7	92	25	,, ...	404	62	...	...
						26	,, ...	404	60	...	...
27	...	405	15	0	50	27	,, ...	404	58	...	...
28	,, ...	405	18	...	...	28	,, ...	404	55	...	...
29	,, ...	405	10	0	35	29	,, ...	404	52	...	...
30	,, ...	405	14	0	15	30	,, ...	404	48	...	...
						31	,, ...	404	44	...	...
				...	...						
	Carried over	...	...	103	17		Carried over.	...	...	104	82

TABLE No. 1—*concld.*

Water Level and Rainfall at Tansa Lake.

Date 1897.		Height of Water.		Rainfall.		Date 1897.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
	Brought ford.	...	...	104	82		Brought ford.	...	...	104	82
1	November ...	404	40	...	...	1	December ...	403	15	...	...
2	" ...	404	36	...	...	2	" ...	403	11	...	...
3	" ...	404	32	...	...	3	" ...	403	07	...	...
4	" ...	404	28	...	...	4	" ...	403	03	...	...
5	" ...	404	24	...	...	5	" ...	402	99	...	...
6	" ...	404	20	...	...					...	...
7	" ...	404	16	...	...						
				...	...	6	" ...	402	95	...	...
						7	" ...	402	91	...	...
8	" ...	404	12	...	...	8	" ...	402	87	...	...
9	" ...	404	08	...	...	9	" ...	402	83	...	...
10	" ...	404	04	...	...	10	" ...	402	79	...	...
11	" ...	404	00	...	...	11	" ...	402	75	...	...
12	" ...	403	96	...	...	12	" ...	402	70	...	...
13	" ...	403	92	...	...					...	...
14	" ...	403	88	...	...						
				...	...	13	" ...	402	66	...	...
						14	" ...	402	61	...	...
15	" ...	403	84	...	...	15	" ...	402	57	...	...
16	" ...	403	80	...	...	16	" ...	402	53	...	...
17	" ...	403	76	...	...	17	" ...	402	49	...	...
18	" ...	403	72	...	...	18	" ...	402	44	...	...
19	" ...	403	68	...	...	19	" ...	402	40	...	...
20	" ...	403	64	...	...					...	...
21	" ...	403	60	...	...						
				...	...	20	" ...	402	36	...	...
						21	" ...	402	32	...	...
22	" ...	403	55	...	...	22	" ...	402	28	...	...
23	" ...	403	50	...	...	23	" ...	402	24	...	...
24	" ...	403	46	...	...	24	" ...	402	20	...	...
25	" ...	403	42	...	...	25	" ...	402	15	...	...
26	" ...	403	38	...	...	26	" ...	402	10	...	...
27	" ...	403	34	...	...					...	...
28	" ...	403	29	...	...						
				...	...	27	" ...	402	06	...	...
						28	" ...	402	02	...	...
29	" ...	403	25	...	...	29	" ...	401	98	...	...
30	" ...	403	20	...	...	30	" ...	401	94	...	...
						31	" ...	401	90	...	...
										...	...
	Carried over.	...	...	104	82		Total rainfall for the year 1897.	...	...	104	82

TABLE No. 2.

336. Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of water.		Rainfall.		No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge. Inches.	No. 3 Dam Gauge, Inches. (1)	No. 3 Dam Gauge, Inches. (2)	Waste Weir Drain.					Waste Weir, Old Gauge in Inches.
									No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
	Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
1 January ...	258	25	...	...	2 3/4	1 1/4	1	1		1	1 3/4		3	
2 „ ...	258	20	...	...	2	1 1/4	1	1		1	1		3	
3 „ ...	258	15	...	...	2	1 1/4	1	1		1	1		3	
			...	...										
4 „ ...	258	10	...	...	2 1/4	1 1/4	1	1		1	1		3	
5 „ ...	258	05	...	...	2	1 1/4	1	1		1	1		3	
6 „ ...	258	05	...	...	2 1/4	1 1/4	1	1		1	1		3	
7 „ ...	258	00	...	...	2	1 1/4	1	1		1	1		2 7/8	
8 „ ...	257	00	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
9 „ ...	257	95	...	...	2	1 1/4	1	1		1	1		2 7/8	
10 „ ...	257	90	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
			...	...										
11 „ ...	257	85	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
12 „ ...	257	85	...	...	2	1 1/4	1	1		1	1		2 7/8	
13 „ ...	257	80	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
14 „ ...	257	75	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
15 „ ...	257	75	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
16 „ ...	257	70	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
17 „ ...	257	65	...	...	2 1/4	1 1/4	1	1	...	...	...	...	...	...
			...	...										
18 „ ...	257	60	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
19 „ ...	257	55	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
20 „ ...	257	50	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
21 „ ...	257	45	...	...	2 1/4	1 1/4	1	1		1	1		2 7/8	
22 „ ...	257	40	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
23 „ ...	257	40	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
24 „ ...	257	35	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
			...	...										
25 „ ...	257	35	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
26 „ ...	257	30	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
27 „ ...	257	25	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
28 „ ...	257	25	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
29 „ ...	257	25	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
30 „ ...	257	20	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
31 „ ...	257	15	...	...	2 1/4	1 1/4	1	1		7/8	1		2 7/8	
Carried over ...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.		Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge, Inches.	No. 2 Dam Gauge, Inches.	No. 3 Dam Gauge, Inches. (1)	No. 3 Dam Gauge, Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
	Brought forward...			...	...										
1	February ...	257	15	...	...	2 2/8	1 3/4	1 1/4	1	1/8	1/8	1 2/8	1/4	2 1/8	2 1/8
2	" ...	257	05	...	...	2 2/8	1 3/4	1 1/4	1	1/8	1/8	1 2/8	1/4	2	2 1/8
3	" ...	257	00	...	...	2 2/8	1 3/4	1 1/4	1	1/8	1/8	1 2/8	1/4	2	2 1/8
4	" ...	257	00	...	...	2 2/8	1 3/4	1 1/4	7/8	1/8	1/8	1 2/8	1/4	2	2 1/8
5	" ...	256	95	...	...	2 2/8	1 3/4	1 1/8	7/8	1/8	1/8	1 2/8	1/4	1 7/8	2
6	" ...	256	95	...	...	2 1/4	1	1 1/8	7/8	1/8	1/8	1 2/8	1/4	1 7/8	2
7	" ...	256	90	...	...	2 1/4	1	1 1/8	7/8	1/8	1/8	1 2/8	1/4	1 7/8	2
				...	...										
8	" ...	256	85	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	2
9	" ...	256	80	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	2
10	" ...	256	75	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
11	" ...	256	75	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
12	" ...	256	70	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
13	" ...	256	65	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
14	" ...	256	65	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
				...	...										
15	" ...	256	60	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
16	" ...	256	60	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
17	" ...	256	55	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
18	" ...	256	50	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
19	" ...	256	45	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
20	" ...	256	40	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
21	" ...	256	40	...	...	2 1/4	1	1	7 1/8	1/8	1/8	1	1 1/4	1 7/8	1 7/8
				...	...										
22	" ...	256	35	...	...	2 1/4	1	1	7/8	1/8	1/8	1	1/4	1 7/8	1 7/8
23	" ...	256	30	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
24	" ...	256	30	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
25	" ...	256	25	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
26	" ...	256	20	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
27	" ...	256	20	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
28	" ...	256	15	...	...	2 1/4	1	1	7/8	1/8	1/8	1 2/8	1/4	1 7/8	1 7/8
	Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Old Waste Weir Gauge in Inches.
Brought forward...			...	...										
1 March ...	256	15	...	...	2¼	1	1	7/8					1¼	1¼
2 „ ...	256	10	...	...	2¼	1	1						1¼	1¼
3 „ ...	256	05	...	...	2¼	1	1						1¼	1¼
4 „ ...	256	05	...	...	2¼	1	1						1⅛	1⅛
5 „ ...	256	00	...	...	2¼	1	1						1⅛	1⅛
6 „ ...	255	95	...	...	2¼	1	1						1⅛	1⅛
7 „ ...	255	90	...	...	2¼	1	1	7/8					1⅛	1⅛
			...	...										
8 „ ...	255	90	...	...	2¼	1	1	7/8					1	1
9 „ ...	255	85	...	...	2¼	1	1						1	1
10 „ ...	255	80	...	...	2¼	1	1						1	1
11 „ ...	255	80	...	...	2¼	1	1						1	1
12 „ ...	255	75	...	...	2¼	1	1						1	1
13 „ ...	255	70	...	...	2¼	1	1						1	1
14 „ ...	255	70	...	...	2¼	1	1	7/8					1	1
			...	...										
15 „ ...	255	65	...	...	2¼	1	1	7/8					1	1
16 „ ...	255	65	...	...	2¼	1	1						1	1
17 „ ...	255	60	...	...	2¼	1	1						1	1
18 „ ...	255	55	...	...	2¼	1	1						1	1
19 „ ...	255	55	...	...	2¼	1	1						1	1
20 „ ...	255	50	...	...	2¼	1	1							
21 „ ...	255	45	...	...	2¼	1	1	7/8						
			...	...										
22 „ ...	255	45	...	...	2¼	1	1	7/8						
23 „ ...	255	40	...	...	2¼	1	1							
24 „ ...	255	40	...	...	2¼	1	1							
25 „ ...	255	35	...	...	2¼	1	1							
26 „ ...	255	35	...	...	2¼	1	1							
27 „ ...	256	30	...	...	2¼	1	1							
28 „ ...	255	30	...	...	2¼	1	1	7/8						
			...	...										
29 „ ...	255	25	...	...	2¼	1	1	7/8						
30 „ ...	255	20	...	...	2¼	1	1							
31 „ ...	255	20	...	...	2¼	1	1							
Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.		Height of water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
	Brought forward...			...	...										
1	April ...	255	15	...	...	2¼	1	1							
2	" ...	255	10	...	...	2¼	1	1							
3	" ...	255	05	...	...	2¼	1	1							
4	" ...	255	05	...	...	2¼	1	1							
				...	...										
5	" ...	255	00	...	...	2¼	1	1							
6	" ...	255	00	...	...	2¼	1	1							
7	" ...	254	95	..	...	2¼	1	1							
8	" ..	254	90	...	...	2¼	1	1							
9	" ...	254	85	...	...	2¼	1	1							
10	" ...	254	85	...	...	2¼	1	1							
11	" ...	254	80	...	...	2¼	1	1							
				...	...										
12	" ...	254	75	...	...	2¼	1	1							
13	" ...	254	70	...	...	2¼	1	1							
14	" ...	254	65	...	...	2¼	1	1							
15	" ...	254	60	...	...	2¼	1	1							
16	" ...	254	55	..	...	2¼	1	1							
17	" ...	254	50	.	...	2¼	1	1							
18	" ...	254	45	...	...	2¼	1	1							
				...	...										
19	" ...	254	45	...	...	2¼	1	1							
20	" ...	254	40	...	...	2¼	1	1							
21	" ...	254	35	...	...	2¼	1	1							
22	" ...	254	30	...	...	2¼	1	1							
23	" ...	254	25	...	...	2	1	1							
24	" ...	254	20	...	...	2	1	1							
25	" ...	254	15	...	...	2	1	1							
				...	...										
26	" ...	254	10	...	...	2	1	1							
27	" ...	254	05	...	...	2	1	1							
28	" ...	254	00	...	...	2	1	1							
29	" ...	253	95	...	...	2	1	1							
30	" ...	253	90	...	...	2	1	1							
	Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.		Height of water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
		Feet.	Cents.	Inches.	Cents.					No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	
	Brought forward...			...	...										
1	May ...	253	85	...	...	2	1	1							
2	" ...	253	80	...	...	2	1	1							
				...	...										
3	" ...	253	75	...	...	2	1			0					
4	" ...	253	70	...	...	2	1			0					
5	" ...	253	65	...	...	2	1			0					
6	" ...	253	60	...	...	2	1			0					
7	" ...	253	55	...	...	2	1			0					
8	" ...	253	50	...	...	2	1			0					
9	" ...	253	45	...	...	2	1			0					
				...	...										
10	" ...	253	40	...	...	2	1			0					
11	" ...	253	35	...	...	2	1			0					
12	" ...	253	30	...	...	2	1			0					0
13	" ...	253	25	...	...	2	1			0					0
14	" ...	253	20	...	...	2	1			0					0
15	" ...	253	15	...	...	2	1			0					0
16	" ...	253	10	...	...	2	1			0					0
				...	...										
17	" ...	253	05	...	...	2	1			0					0
18	" ...	253	00	...	...	2	1			0					0
19	" ...	252	95	...	...	2	1			0					0
20	" ...	252	90	...	...	2	1			0					0
21	" ...	252	85	...	...	2	1			0					0
22	" ...	252	80	...	...	2	1			0					0
23	" ...	252	75	...	...	2	1			0					0
				...	...										
24	" ...	252	70	...	...	2	1			0					0
25	" ...	252	65	...	...	2	1			0					0
26	" ...	252	60	...	...	2	1			0					0
27	" ...	252	55	...	...	2	1			0					0
28	" ...	252	50	...	...	2	1			0					0
29	" ...	252	45	...	...	2	1			0					0
30	" ...	252	40	...	...	2	1			0					0
				...	...										
31	" ...	252	35	...	...	2	1			0					0
	Carried over...			...	...										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.		Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward..				...	...										
1	June ...	252	30	...	...	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
2	,, ...	252	25	.	...	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
3	,, ...	252	20	...	..	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
4	,, ...	252	15	...	...	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
5	,, ...	252	10	...	...	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
6	,, ...	252	05	0	09	1 2/8	1	1/8	1/8	...	...	1/8	1/8	1/8	...
				0	09										
7	,, ...	252	00	0	03	...	...	...	...	...	...	1/8	...	1/8	...
8	,, ...	251	95	0	32	...	...	...	...	...	...	1/8	...	1/8	...
9	,, ...	251	90	...	...	...	...	...	...	..	...	1/8	...	1/8	...
10	,, ...	251	90	0	69	...	...	...	...	...	...	1/8	...	1/8	...
11	,, ...	251	85	0	21	...	...	...	...	...	...	1/8	...	1/8	...
12	,, ...	251	80	...	...	...	...	...	...	...	...	1/8	...	1/8	...
13	,, ...	251	80	0	05	...	...	...	...	...	...	1/8	...	1/8	...
				1	30										
14	,, ...	251	80	...	...	..	...	..	...	...	...	1/8	...	1/8	...
15	,, ...	251	75	...	...	...	...	...	...	...	...	1/8	...	1/8	...
16	,, ...	251	70	...	...	...	...	...	...	...	...	1/8	...	1/8	...
17	,, ...	251	70	2	18	...	...	...	...	...	...	1/8	...	1/8	...
18	,, ...	252	05	3	04	3 1/4	4	...	...	...	...	1/8	...	1/8	...
19	,, ...	252	30	0	09	...	...	...	...	...	...	1/8	...	1/8	...
20	,, ...	252	25	0	68	...	...	.	...	...	...	1/8	...	1/8	...
				5	99										
21	,, ...	252	30	5	36	...	...	...	.	...	...	1/8	...	1/8	...
22	,, ...	253	35	0	28	5	...	...	6	1/2	1/4	1/4	1/4	1/4	...
23	,, ...	253	30	0	27	...	...	...	...	...	1/4	1/4	1/4	1/4	...
24	,, ...	253	25	0	28	...	...	...	...	...	1/4	1/4	1/4	1/4	...
25	,, ...	253	30	0	27	...	..	...	..	...	1/4	1/4	1/4	1/4	...
26	,, ...	253	30	0	11	...	...	...	...	...	1/4	1/4	1/4	1/4	...
27	,, ...	253	30	...	...	...	...	...	...	...	1/4	1/4	1/4	1/4	...
				6	57										
28	,, ...	253	25	...	...	...	...	...	...	...	1/4	1/8	1/4	1/8	...
29	,, ...	253	25	...	...	...	...	...	...	...	1/4	1/8	1/4	1/8	...
30	,, ...	253	20	...	...	...	...	...	...	...	1/4	1/8	1/4	1/8	...
Carried over...				13	95										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.		Height of Water.		Rainfall.		No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain.					Waste Weir Old Gauge in Inches.
										No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
		Feet.	Cents.	Inches.	Cents.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
	Brought forward...			13	95										
1	July ...	253	20	0	06	...	...	...	...	...	¼	⅛	¼	...	...
2	„ ...	253	15	...	...	...	...	...	...	...	¼	⅛	¼	...	...
3	„ ...	253	10	...	...	...	...	...	...	...	¼	⅛	¼	...	...
4	„ ...	253	10	...	...	...	...	...	...	...	¼	⅛	¼	...	...
				0	06										
5	„ ...	253	05	1	45	...	...	...	...	...	¼	⅛	¼	...	...
6	„ ...	253	05	0	45	...	...	...	...	...	¼	⅛	¼	...	...
7	„ ...	253	10	0	29	...	...	...	...	...	¼	⅛	¼	...	...
8	„ ...	253	25	0	10	...	...	...	...	...	¼	⅛	¼	...	...
9	„ ...	253	20	1	04	...	...	...	...	...	¼	⅛	¼	...	...
10	„ ...	253	30	1	10	...	...	...	1	...	¼	⅛	¼	...	...
11	„ ...	253	40	1	29	...	...	...	½	...	¼	⅛	¼	...	...
				5	72										
12	„ ...	253	65	0	20	...	...	...	1	...	¼	⅛	¼	...	...
13	„ ...	253	70	1	47	...	...	...	1	...	¼	⅛	¼	...	...
14	„ ...	253	90	0	93	1	...	...	2	...	¼	⅛	¼	...	...
15	„ ...	254	00	1	28	2	...	...	6	⅜	¼	⅛	¼	...	...
16	„ ...	254	25	7	56	1	...	...	4	⅜	¼	⅛	¼	...	...
17	„ ...	255	95	4	40	2	...	...	4½	1½	1½	1	1¼	4	...
18	„ ...	256	95	1	15	3	...	...	7	1½	1½	1½	1¼	4	...
				16	99										
19	„ ...	257	25	0	73	...	...	...	2	1½	1½	1½	1¼	4	...
20	„ ...	257	50	1	77	...	...	...	...	1½	1½	1⅞	1¼	4	...
21	„ ...	257	75	1	67	...	...	...	...	1⅛	1½	2	1¼	4⅛	...
22	„ ...	258	35	2	19	...	...	...	...	2⅛	1½	2½	1¼	6	...
23	„ ...	258	65	2	65	1	...	...	8	2⅛	1½	2½	1⅜	6	...
24	„ ...	259	30	4	87	4	...	...	8¼	2⅛	1¼	2½	1⅜	6	...
25	„ ...	260	40	4	35	7	...	...	13	2⅛	1⅛	2½	1⅜	6	...
				18	23										
26	„ ...	261	55	0	17	2	...	...	6	2¾	2⅝	4⅛	2⅝	8½	...
27	„ ...	261	70	0	12	½	...	...	1½	2¾	2⅝	4⅛	2⅝	8½	...
28	„ ...	261	80	1	02	...	...	...	1	2¾	2⅝	4⅛	2⅝	8½	...
29	„ ...	261	95	2	54	1	...	...	2½	3	3	5⅜	3	9½	...
30	„ ...	262	40	0	20	3	...	...	5¼	3	3	5⅜	3	9½	...
31	„ ...	262	55	0	13	...	...	...	1	3	3⅛	5⅜	3	9⅝	...
				...	...										
	Carried over ...			59	13										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward ...			59	13										
1 August ...	262	60	0	32	...	...	...	...	3	3⅛	5⅛	3	9⅜	...
			...	...										
2 „ ...	262	65	0	27	...	...	...	½	3¾	4¼	7	3½	...	...
3 „ ...	262	70	0	54	...	...	...	1	4	4¼	7⅛	3½	...	...
4 „ ...	262	80	0	56	...	...	...	3½	4	4¾	7⅛	3½	...	...
5 „ ...	262	95	0	33	...	...	...	2¾	4	4¾	7⅛	3½	...	...
6 „ ...	263	00	1	15	...	...	...	2½	4¼	5½	8	3⅝	...	...
7 „ ...	263	25	1	95	1	...	...	8¼	4½	5½	8¼	3⅜	...	...
8 „ ...	263	80	4	69	1½	...	...	9¼	...	...	...	...	...	...
			9	49										
9 „ ...	264	95	1	62	8½	...	...	1¾	...	...	...	...	...	...
10 „ ...	264	50	1	94	3¼	...	...	7	...	...	...	...	...	...
11 „ ...	264	20	0	67	2	...	...	5	...	...	...	...	...	...
12 „ ...	263	95	1	21	3¾	...	...	4½	...	...	...	...	...	...
13 „ ...	263	95	0	96	3¾	...	...	4½	...	...	...	...	...	...
14 „ ...	263	90	1	53	5	...	...	6	...	...	...	...	...	...
15 „ ...	264	10	1	20	8	...	...	8¼	...	...	...	...	...	...
			9	13										
16 „ ...	264	10	0	30	1½	...	...	5¾	...	...	...	...	...	...
17 „ ..	263	85	0	16	...	...	...	5	...	...	...	...	...	...
18 „ ...	263	80	0	31	...	...	...	4¾	...	...	...	...	...	...
19 „ ...	263	70	0	05	...	...	...	1¼	...	...	...	...	...	...
20 „ ...	263	65	1	15	...	...	...	1	...	...	...	...	...	...
21 „ ...	263	75	0	31	...	...	...	1½	...	...	...	...	...	...
22 „ ...	263	75	...	...	...	...	...	2	...	...	...	...	...	...
			2	28										
23 „ ...	263	70	0	09	...	...	...	3	...	..	...	...	...	...
24 „ ...	263	65	0	04	...	...	...	2	...	...	...	...	...	...
25 „ ...	263	60	...	...	...	...	...	1	...	...	...	...	...	...
26 „ ...	263	60	...	...	...	...	...	...	...	...	...	...	...	...
27 „ ...	263	55	1	39	...	...	...	...	...	...	...	...	...	...
28 „ ...	263	70	0	12	...	...	...	3¼	...	...	...	...	...	...
29 „ ...	263	65	0	9	...	...	...	1¼	...	...	...	...	...	...
			1	73										
30 „ ...	263	60	...	...	...	...	...	¼	...	...	...	...	...	...
31 „ ...	263	55	...	...	...	...	...	...	...	...	...	...	...	...
Carried over...			82	08										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			82	08										
1 September...	263	45	...	...	...	...	...	...	...	...	...	...	...	...
2 „ ...	263	45	0	16	...	...	...	...	...	...	...	...	...	...
3 „ ...	263	45	0	16	...	...	...	...	...	...	...	...	...	...
4 „ ...	263	45	0	16	...	...	...	...	...	...	...	...	...	...
5 „ ...	263	45	0	21	...	...	...	...	...	...	...	...	...	...
			0	69										
6 „ ...	263	45	0	58	...	...	...	...	...	...	...	...	...	...
7 „ ...	263	45	0	36	...	...	...	...	...	...	...	...	...	...
8 „ ...	263	50	0	86	...	...	...	2	...	...	...	...	...	...
9 „ ...	263	55	0	24	$\frac{1}{8}$	...	...	3	...	...	...	...	...	...
10 „ ...	263	55	2	34	...	...	...	$3\frac{1}{2}$	...	...	...	...	...	...
11 „ ...	263	85	1	25	$3\frac{1}{4}$	...	...	$4\frac{3}{4}$	...	...	...	...	...	...
12 „ ...	263	85	0	35	1	...	..	6	...	...	...	...	...	...
			5	98										
13 „ ...	263	80	0	05	...	...	...	4	...	...	...	...	...	...
14 „ ...	263	75	...	...	...	...	...	$\frac{1}{2}$	...	...	...	...	...	...
15 „ ...	263	75	0	36	...	...	...	...	...	...	...	...	...	...
16 „ ...	263	60	0	19	...	...	...	1	...	...	...	...	...	...
17 „ ...	263	60	...	...	...	...	...	1	...	...	...	...	...	...
18 „ ...	263	55	...	..	...	...	...	...	...	...	..	...	...	...
19 „ ...	263	50	0	35	...	...	...	...	...	...	...	...	...	...
			0	95										
20 „ ...	263	50	...	...	...	...	...	2	...	...	...	...	...	...
21 „ ...	263	50	...	...	...	...	...	1	...	...	...	...	...	...
22 „ ...	263	45	0	45	...	...	...	...	...	...	...	...	...	...
23 „ ...	263	45	0	24	...	...	...	1	...	...	...	...	...	...
24 „ ...	263	45	...	...	...	...	...	1	...	...	...	...	...	...
25 „ ...	263	40	4	41	...	...	...	$\frac{1}{2}$	...	...	...	...	...	...
26 „ ...	263	00	0	23	1	...	...	7	...	...	...	...	...	...
			5	33										
27 „ ...	263	80	...	...	...	...	...	$4\frac{1}{4}$	...	...	...	...	...	...
28 „ ...	263	70	0	06	...	...	...	1	...	...	...	...	...	...
29 „ ...	263	75	0	71	...	...	...	1	...	...	...	...	...	...
30 „ ...	263	60	0	70	...	...	...	$\frac{1}{2}$	...	...	...	...	...	...
			...	...										
Carried over ...			96	50										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			96	50										
1 October ...	263	65	0	18	...	...	...	1	...	...	...	..	...	...
2 „ ...	263	65	...	...	...	...	...	1	...	...	...	..	...	...
3 „ ...	263	60	0	50	...	...	...	1	...	...	..	...	...	...
			2	15										
4 „ ...	263	60	0	17	...	...	...	1	...	...	...	...	...	...
5 „ ...	263	55	0	21	...	...	...	[illegible]	...	...	...	...	...	...
6 „ ...	263	55	...	...	...	...	...	[illegible]	...	...	...	...	...	...
7 „ ...	263	50	...	...	...	...	...	[illegible]	...	...	...	...	...	...
8 „ ...	263	45	...	...	...	...	...	...	...	...	...	...	...	...
9 „ ...	263	45	...	...	...	...	...	...	...	...	...	...	...	...
10 „ ...	263	40	...	...	...	...	...	...	...	...	...	...	...	...
			0	38										
11 „ ...	263	40	...	...	...	...	...	.	...	...	..	...	...	...
12 „ ...	263	35	...	...	...	...	...	...	...	...	...	...	...	...
13 „ ...	263	30	...	...	...	...	...	...	...	...	...	...	...	...
14 „ ...	263	25	...	...	...	...	...	...	...	...	...	...	...	...
15 „ ...	263	20	...	...	...	...	...	...	...	...	..	...	...	...
16 „ ...	263	15	...	...	...	...	...	...	...	...	...	...	...	...
17 „ ...	263	15	...	...	...	...	...	...	...	...	...	...	...	...
			...	...										
18 „ ...	263	10	...	...	...	...	...	...	...	...	...	...	...	...
19 „ ...	263	05	...	...	...	...	...	...	...	...	...	...	...	...
20 „ ...	263	00	...	...	...	...	...	...	...	...	...	..	...	...
21 „ ...	262	95	...	...	...	...	...	...	...	...	...	...	...	...
22 „ ...	262	90	...	...	...	...	...	...	...	...	...	...	...	...
23 „ ...	262	85	...	...	...	...	...	...	...	...	...	...	...	...
24 „ ...	262	80	...	...	...	...	...	...	...	...	...	...	...	...
			...	...										
25 „ ...	262	75	...	...	...	...	...	...	...	...	...	...	...	...
26 „ ...	262	70	...	...	...	...	...	...	...	...	...	...	...	...
27 „ ...	262	65	...	...	...	...	...	...	...	...	...	...	...	...
28 „ ...	262	60	...	...	...	...	...	...	...	...	...	...	...	...
29 „ ...	262	55	...	...	...	...	...	...	...	...	...	...	...	...
30 „ ...	262	50	...	...	...	...	...	...	...	...	...	...	...	...
31 „ ...	262	50	...	...	...	...	...	...	...	...	...	...	...	...
Carried over...			97	56										

TABLE No. 2—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir O.G. Gauge in Inches.
Brought forward...			97	56										
1 November ...	262	45	...	...	5	3¼	2⅝	2	2⅝	3	5⅜	2⅛	10	11
2 „ ...	262	40	...	...	5	3¼	2⅝	2	2⅝	3	5⅜	2⅛	11¾	10¾
3 „ ...	262	40	...	...	5	3¼	2⅝	2	2⅝	3	5⅜	2⅛	10¾	10¾
4 „ ...	262	35	...	...	5	3¼	2⅝	2	2⅝	2⅛	5¼	2⅛	10¾	10½
5 „ ...	262	30	...	...	5	3¼	2⅝	2	2⅝	2⅛	5¼	2⅛	10½	10⅜
6 „ ...	262	25	...	...	5	3¼	2⅝	2	2⅝	2⅛	5¼	2⅛	10⅛	10⅛
7 „ ...	262	20	...	...	5	3⅛	2⅛	2	2⅛	2⅛	5⅛	2⅛	10⅛	9⅞
			...	...										
8 „ ...	262	15	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	5	2⅛	8¼	9¼
9 „ ...	262	10	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	4⅞	2⅛	8	9
10 „ ...	262	05	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	4⅞	2⅛	8	8¾
11 „ ...	262	00	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	4⅞	2⅛	8	8¾
12 „ ...	261	95	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	4⅞	2⅛	7⅞	8½
13 „ ...	261	95	...	...	4⅞	3⅛	2⅛	2	2⅛	2⅛	4⅞	2⅛	7⅞	8½
14 „ ...	261	90	...	...	4¾	3	2⅛	1⅞	2¼	2⅛	4⅛	2⅛	7¾	8¼
			...	...										
15 „ ...	261	85	...	...	4¾	3	2⅛	1⅞	2⅛	2¼	4¼	2¼	7⅝	8
16 „ ...	261	80	...	...	4¾	3	2⅛	1⅞	2	2⅛	4⅛	2¼	7⅝	7⅞
17 „ ...	261	75	...	...	4¾	3	2⅛	1⅞	2	2	4	2¼	7¼	7⅞
18 „ ...	261	70	...	...	4¾	3	2⅛	1⅞	1⅞	1⅞	3⅞	2⅛	7	7¾
19 „ ...	261	65	...	...	4¾	2⅞	2¼	1⅞	1¾	1⅞	3⅞	2⅛	6¾	7½
20 „ ...	261	60	...	...	4⅝	2⅞	2¼	1⅞	1¾	1⅞	3¾	2	6¾	7¼
21 „ ...	261	55	...	...	4⅝	2⅞	2¼	1⅞	1¾	1⅞	3¾	2	6⅝	7¼
			...	...										
22 „ ...	261	50	...	...	4½	2¾	2⅛	1¾	1⅝	1¾	3⅝	2	6⅜	7
23 „ ...	261	45	...	...	4⅜	2¾	2⅛	1¾	1⅝	1¾	3⅝	1⅞	6⅜	6¾
24 „ ...	261	40	...	...	4¼	2⅝	2	1¾	1½	1⅝	3⅝	1⅞	5⅞	6¾
25 „ ...	261	35	...	...	4¼	2⅝	2	1¾	1½	1⅝	3½	1¾	5⅝	6¼
26 „ ...	261	30	...	...	4¼	2⅝	2	1¾	1½	1⅝	3¼	1¾	5⅝	6⅛
27 „ ...	261	25	...	...	4¼	2⅝	2	1¾	1½	1⅝	3¼	1¾	5⅝	6⅛
28 „ ...	261	20	...	...	4¼	2⅝	2	1¾	1½	1⅝	3¼	1¾	5⅝	6⅛
29 „ ...	261	15	...	...	4¼	2⅝	2	1¾	1½	1⅝	3¼	1¾	5⅝	6⅛
30 „ ...	261	10	...	...	4¼	2⅝	2	1¾	1⅜	1½	3⅜	1¾	5½	5⅞
Carried over ...			97	56										

TABLE No. 2—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Vehar Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	No. 1 Dam Gauge Inches.	No. 2 Dam Gauge Inches.	No. 3 Dam Gauge Inches. (1)	No. 3 Dam Gauge Inches. (2)	Waste Weir Drain. No. 1. Inches.	No. 2. Inches.	No. 3. Inches.	No. 4. Inches.	No. 5. Inches.	Waste Weir Old Gauge in Inches.
Brought forward...			97	56										
1 December ...	261	05	...	...	4 1/8	2 1/2	2	1 3/4	1 3/8	1 5/8	3	1 5/8	5 1/4	5 3/4
2 „ ...	261	00	...	...	4 1/8	2 1/2	2	1 3/4	1 3/8	1 5/8	3	1 5/8	5	5 5/8
3 „ ...	260	95	...	...	4 1/8	2 1/2	2	1 3/4	1 3/8	1 5/8	3	1 5/8	5	5 5/8
4 „ ...	260	90	...	...	4 1/8	2 1/2	2	1 3/4	1 3/8	1 5/8	2 7/8	1 5/8	4 7/8	5 5/8
5 „ ...	260	90	...	...	4 1/8	2 1/2	2	1 3/4	1 3/8	1 5/8	2 7/8	1 5/8	4 7/8	5 5/8
			...	...										
6 „ ...	260	85	...	...	4 1/8	2 3/8	1 7/8	1 1/4	1 3/8	1 5/8	2 7/8	1 5/8	4 3/4	5 5/8
7 „ ...	260	80	...	...	4 1/8	2 3/8	1 7/8	1 1/4	1 3/8	1 5/8	2 3/4	1 5/8	4 3/4	5 5/8
8 „ ...	260	80	...	...	4	2 1/4	1 7/8	1 1/4	1 1/4	1 5/8	2 3/4	1 5/8	4 3/4	5 5/8
9 „ ...	260	75	...	...	4	2 1/4	1 3/4	1	1 1/4	1 5/8	2 3/4	1 5/8	4 3/4	5 5/8
10 „ ...	260	70	...	...	4	2 1/4	1 3/4	1	1 1/4	1 3/4	2 3/4	1 5/8	4 3/4	5 5/8
11 „ ...	260	65	...	...	4	2 1/8	1 3/4	1	1 1/4	1 3/8	2 3/8	1 5/8	4 1/4	5 5/8
12 „ ...	260	60	...	...	4	2 1/8	1 3/4	1	1 1/4	1 3/8	2 3/8	1 5/8	4 1/4	5 5/8
			...	...										
13 „ ...	260	55	...	...	4	2 1/8	1 5/8	7/8	1 1/4	1 3/8	2 3/8	1 5/8	4 1/4	6
14 „ ...	260	50	...	...	4	2 1/8	1 5/8	7/8	1 1/4	1 1/4	2 3/8	1 5/8	4 1/8	5 3/4
15 „ ...	260	45	...	...	4	2 1/8	1 5/8	7/8	1 1/4	1 1/4	2 3/8	1 5/8	4 1/8	5 3/4
16 „ ...	260	45	...	...	3 7/8	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 3/8	1 5/8	4 1/8	5 3/4
17 „ ...	260	40	...	...	3 7/8	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 3/8	1 5/8	4 1/8	5 3/4
18 „ ...	260	40	...	...	3 3/4	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 5/8	4 1/8	5 3/4
19 „ ...	260	35	...	...	3 3/4	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 5/8	4 1/8	5 3/4
			...	...										
20 „ ...	260	30	...	...	3 3/4	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 3/8	4	5 3/4
21 „ ...	260	25	...	...	3 3/4	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 3/8	4	4 7/8
22 „ ...	260	20	...	...	3 3/4	2 1/8	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 1/4	4	4 7/8
23 „ ...	260	15	...	...	3 3/4	2 1/4	1 5/8	7/8	1 1/8	1 1/4	2 1/4	1 1/4	4	4 7/8
24 „ ...	260	10	...	...	3 3/8	2 1/4	1 3/4	7/8	1 1/8	1 1/8	2 1/4	1 1/4	3 7/8	4 1/4
25 „ ...	260	05	...	...	3 3/8	2 1/8	1 3/4	7/8	1	1 1/8	2 1/8	1 1/4	3 3/4	4 1/4
26 „ ...	260	00	...	...	3 3/8	2 3/8	1 3/4	7/8	1	1 1/8	2 1/8	1 1/8	3 3/4	4 1/8
			...	...										
27 „ ...	260	00	...	...	3 3/8	2 3/8	1 3/4	5/8	1	1 1/8	2 1/4	1 1/8	3 5/8	4 1/8
28 „ ...	259	95	...	...	3 3/8	2 3/8	1 3/4	5/8	1	1 1/8	2 1/8	1 1/8	3 5/8	4 1/8
29 „ ...	259	90	...	...	3 3/8	2 3/8	1 3/4	5/8	1	1 1/8	2 1/8	1 1/8	3 5/8	4 1/8
30 „ ...	259	85	...	...	3 3/8	2 3/4	1 3/4	5/8	1	1 1/8	2	1 1/8	3 3/4	4
31 „ ...	259	80	...	...	3 3/8	2 3/8	1 3/4	5/8	1	1 1/8	2	1 1/8	3 5/8	4
			...	...										
Total Rainfall...			97	56										

TABLE No. 3.

337. Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
1 Jan....	447	80	...	...	2½	...	2
2 „ ...	447	70	...	...	2½	...	2
3 „ ...	447	60	...	...	2½	...	2
			...	...			
4 „ ...	447	55	...	...	2½	...	2
5 „ ...	447	45	...	...	2⅜	...	1⅞
6 „ ...	447	40	...	...	2⅜	...	1⅞
7 „ ...	447	30	...	...	2⅜	...	1⅞
8 „ ...	447	25	...	...	2⅜	...	1⅞
9 „ ...	447	20	...	...	2⅜	...	1⅞
10 „ ...	447	10	...	...	2⅜	...	1⅞
			...	...			
11 „ ...	447	05	...	...	2⅜	...	1⅞
12 „ ...	447	00	...	...	2⅜	...	1⅞
13 „ ...	446	90	...	...	2⅜	...	1⅞
14 „ ...	446	85	...	...	2⅜	...	1⅞
15 „ ...	446	75	...	...	2⅜	...	1⅞
16 „ ...	446	70	...	...	2⅜	...	1⅞
17 „ ...	446	60	...	...	2⅜	...	1⅞
			...	...			
18 „ ...	446	55	...	...	2⅜	...	1⅞
19 „ ...	446	45	...	...	2⅜	...	1⅞
20 „ ...	446	40	...	...	2⅜	...	1⅞
21 „ ...	446	30	...	...	2⅜	...	1⅞
22 „ ...	446	25	...	...	2⅜	...	1⅞
23 „ ...	446	15	...	...	2⅜	...	1⅞
24 „ ...	446	10	...	...	2⅜	...	1⅞
			...	...			
25 „ ...	446	00	...	...	2⅜	...	1⅞
26 „ ...	445	95	...	...	2⅜	...	1⅞
27 „ ...	445	90	...	...	2⅜	...	1⅞
28 „ ...	445	85	...	...	2⅜	...	1⅞
29 „ ...	445	75	...	...	2¼	...	1⅞
30 „ ...	445	70	...	...	2¼	...	1⅞
31 „ ...	445	60	...	...	2¼	...	1⅞
Carried over ...			...	...	...	...	...

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House. Gauge Inches.
Brought forward			...	...	...	...	...
1 Feb....	445	55	...	...	2¼	...	1⅞
2 „ ...	445	50	...	...	2¼	...	1⅞
3 „ ...	445	45	...	...	2¼	...	1⅞
4 „ ...	445	35	...	...	2¼	...	1⅞
5 „ ...	445	25	...	...	2¼	...	1⅞
6 „ ...	445	20	...	...	2¼	...	1⅞
7 „ ...	445	15	...	...	2¼	...	1⅞
			...	...			
8 „ ...	445	05	...	...	2¼	...	1⅞
9 „ ...	445	00	...	...	2¼	...	1⅞
10 „ ...	444	95	...	...	2¼	...	1⅞
11 „ ...	444	85	...	...	2⅛	...	1⅞
12 „ ...	444	80	...	...	2⅛	...	1⅞
13 „ ...	444	70	...	...	2⅛	...	1⅞
14 „ ...	444	65	...	...	2⅛	...	1⅞
			...	...			
15 „ ...	444	55	...	...	2⅛	...	1⅞
16 „ ...	444	50	...	...	2⅛	...	1⅞
17 „ ...	444	40	...	...	2⅛	...	1⅞
18 „ ...	444	35	...	...	2⅛	...	1⅞
19 „ ...	444	25	...	...	2⅛	...	1⅞
20 „ ...	444	20	...	...	2⅛	...	1⅞
21 „ ...	444	10	...	...	2⅛	...	1⅞
			...	...			
22 „ ...	444	05	...	...	2	...	1⅞
23 „ ...	444	00	...	...	2	...	1⅞
24 „ ...	443	90	...	...	2	...	1⅞
25 „ ...	443	85	...	...	2	...	1⅞
26 „ ...	443	75	...	...	2	...	1⅞
27 „ ...	443	70	...	...	2	...	1⅞
28 „ ...	443	60	...	...	2	...	1⅞
Carried over ...			...	...	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward.	...	...	...	...	...	...	...
1 March	443	55	...	...	2	...	1½
2 „ ...	443	45	...	...	2	...	1½
3 „ ...	443	40	...	...	2	...	1½
4 „ ...	443	30	...	...	2	...	1½
5 „ ...	443	25	...	...	2	...	1½
6 „ ...	443	15	...	...	2	...	1½
7 „ ...	443	10	...	...	2	...	1½
			...	...			
8 „ ...	443	00	...	...	2	...	1½
9 „ ...	442	90	...	...	2	...	1½
10 „ ...	442	85	...	...	2	...	1½
11 „ ...	442	75	...	...	2	...	1½
12 „ ...	442	70	...	...	2	...	1½
13 „ ...	442	60	...	...	2	...	1½
14 „ ...	442	55	...	...	2	...	1½
			...	...			
15 „ ...	442	45	...	...	2	...	1½
16 „ ...	442	40	...	...	2	...	1½
17 „ ...	442	30	...	...	2	...	1½
18 „ ...	442	25	...	...	2	...	1½
19 „ ...	442	15	...	...	2	...	1½
20 „ ...	442	10	...	...	2	...	1½
21 „ ...	442	00	...	...	2	...	1½
			...	...			
22 „ ...	441	95	...	...	2	...	1½
23 „ ...	441	85	...	...	2	...	1½
24 „ ...	441	80	...	...	2	...	1½
25 „ ...	441	75	...	...	2	...	1½
26 „ ...	441	65	...	...	2	...	1½
27 „ ...	441	60	...	...	2	...	1½
28 „ ...	441	50	...	...	2	...	1½
			...	...			
29 „ ...	441	40	...	...	2	...	1½
30 „ ...	441	30	...	...	2	...	1½
31 „ ...	441	25	...	...	2	...	1½
Carried over ...	...	...	...	...	...	...	...

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward	...	...	...	...	...	...	...
1 April.	441	20	...	...	2	...	1½
2 „ ...	441	10	...	...	2	...	1½
3 „ ...	441	05	...	...	2	...	1½
4 „ ...	440	95	...	...	2	...	1½
			...	...			
5 „ ...	440	90	...	...	2	...	1½
6 „ ...	440	85	...	...	2	...	1½
7 „ ...	440	80	...	...	2	...	1½
8 „ ...	440	75	...	...	2	...	1½
9 „ ...	440	65	...	...	2	...	1½
10 „ ...	440	60	...	...	2	...	1½
11 „ ...	440	55	...	...	2	...	1½
			...	...			
12 „ ...	440	45	...	...	2	...	1½
13 „ ...	440	40	...	...	2	..	1½
14 „ ...	440	30	...	...	2	...	1½
15 „ ...	440	20	...	...	2	...	1½
16 „ ...	440	10	...	...	2	...	1½
17 „ ...	440	00	...	...	2	...	1½
18 „ ...	439	95	...	...	2	...	1½
			...	...			
19 „ ...	439	90	...	...	2	...	1½
20 „ ...	439	80	...	...	2	...	1½
21 „ ...	439	75	...	...	2	...	1½
22 „ ...	439	65	...	...	2	...	1½
23 „ ...	439	55	...	...	2	...	1½
24 „ ...	439	45	...	...	2	...	1½
25 „ ...	439	40	...	...	2	...	1½
			...	...			
26 „ ...	439	30	...	...	2	...	1½
27 „ ...	439	20	...	...	2	...	1½
28 „ ...	439	10	...	...	2	...	1½
29 „ ...	439	00	...	...	2	...	1½
30 „ ...	438	95	...	...	2	...	1½
Carried over ...	..		...	...	...	...	..

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of water. Feet.	Height of water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			...	...	...	...	...
1 May.	438	85	...	...	2	...	1 3/32
2 „ ...	438	80	...	...	2	...	1 2/32
			...	...			
3 „ ...	438	70	...	...	2	...	1 2/32
4 „ ...	438	60	...	...	2	...	1 2/32
5 „ ...	438	50	...	...	2	...	1 2/32
6 „ ...	438	45	...	...	2	...	1 2/32
7 „ ...	438	35	...	...	2	...	1 2/32
8 „ ...	438	30	...	...	2	...	1 1/4
9 „ ...	438	20	...	...	2	...	1 1/4
			...	...			
10 „ ...	438	10	...	...	2	...	1 1/4
11 „ ...	438	00	...	...	2	...	1 1/4
12 „ ...	437	95	...	...	2	...	1 1/4
13 „ ...	437	85	...	...	2	...	1 1/4
14 „ ...	437	80	...	...	2	...	1 1/8
15 „ ...	437	70	...	...	2	...	1 1/8
16 „ ...	437	60	...	...	2	...	1 1/8
			...	...			
17 „ ...	437	50	...	...	2	...	1 1/8
18 „ ...	437	40	...	...	2	...	1 1/8
19 „ ...	437	30	...	...	2	...	1 1/8
20 „ ...	437	25	...	...	2	...	1 1/8
21 „ ...	437	15	...	...	2	...	1 1/8
22 „ ...	437	05	...	...	2	...	1 1/8
23 „ ...	437	00	...	...	2	...	1 1/8
			...	...			
24 „ ...	436	90	...	...	2	...	1 1/8
25 „ ...	436	80	...	...	2	...	1 1/8
26 „ ...	436	70	...	...	2	...	1 1/8
27 „ ...	436	65	...	...	2	...	1 1/8
28 „ ...	436	55	...	...	1 7/8	...	1
29 „ ...	436	45	...	...	1 7/8	...	1
30 „ ...	436	40	...	...	1 7/8	...	1
31 „ ...	436	30	...	...	1 7/8	...	...
Carried over ...			...	...	...	...	...

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			...	...	...	...	...
1 June ..	436	20	...	...	1 7/32	...	1
2 „ ...	436	10	...	...	1 7/32	...	1
3 „ ...	436	00	...	...	1 7/32	...	1
4 „ ...	435	90	...	...	1 7/32	...	1
5 „ ...	435	85	...	...	1 7/32	...	1
6 „ ...	435	75	...	02	1 1/4	...	7/8
			...	02			
7 „ ...	435	70	...	07	...	...	...
8 „ ...	435	60	...	...	...	...	...
9 „ ...	435	50	...	06	...	...	...
10 „ ...	435	40	...	58	...	...	...
11 „ ...	435	35	...	41	...	...	...
12 „ ...	435	30	...	...	...	...	...
13 „ ...	435	25	...	48	...	...	...
			1	60			
14 „ ...	435	20	...	...	...	...	...
15 „ ...	435	10	...	08	...	...	...
16 „ ...	435	05	...	28	...	...	...
17 „ ...	435	00	3	83	...	...	...
18 „ ...	435	30	2	50	...	...	...
19 „ ...	435	50	...	06	...	...	...
20 „ ...	435	40	...	36	...	...	...
			7	11			
21 „ ...	435	40	7	06	...	...	...
22 „ ...	436	90	...	55	11	...	3 1/2
23 „ ..	436	95	...	44	...	...	...
24 „	436	90	...	47	...	...	...
25 „ .	436	85	...	31	...	...	...
26 „ ..	436	80	...	30	...	...	...
27 „ ..	436	75	...	07	...	...	...
			9	20			
28 „ ...	436	70	...	02	...	...	...
29 „ ...	436	60	...	32	...	...	...
30 „ ...	436	55	...	05	...	...	...
Carried over ...			18	32	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of water. Feet.	Cents.	Rainfall. Inches.	Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			18	32	...	...	...
1 July...	436	45	...	...	...	...	...
2 „ ...	436	40	...	...	...	...	...
3 „ ...	436	30	...	04	...	...	...
4 „ ...	436	25	...	22	...	...	...
			...	26			
5 „ ...	436	15	1	52	...	...	...
6 „ ...	436	25	...	10	...	...	...
7 „ ...	436	20	1	01	...	...	...
8 „ ...	436	20	...	13	...	...	...
9 „ ...	436	15	...	98	...	...	...
10 „ ...	436	20	1	04	½	...	...
11 „ ...	436	25	2	88	...	...	...
			7	66			
12 „ ...	436	85	...	18	1	...	...
13 „ ...	436	85	2	85	...	...	...
14 „ ...	437	25	...	55	1½	...	1
15 „ ...	437	40	1	13	1	...	...
16 „ ...	437	75	8	15	1	...	...
17 „ ...	441	50	3	85	1'-2"	...	5
18 „ ...	443	50	1	21	8"	...	3
			17	92			
19 „ ...	444	50	1	13	5	...	½
20 „ ...	444	90	1	33	2	...	...
21 „ ...	445	50	...	69	1½	...	½
22 „ ...	445	80	3	10	2	...	...
23 „ ...	447	20	2	79	5	...	1
24 „ ...	448	20	5	59	8	...	3
25 „ ...	450	20	5	48	2'-4"	...	10
			20	11			
26 „ ...	453	30	...	28	1'-9"	...	4
27 „ ...	453	80	...	12	7½	...	1
28 „ ...	454	00	2	07	2½	...	...
29 „ ...	454	50	2	49	8	...	2
30 „ ...	454	40	...	39	1'-7"	...	10
31 „ ...	455	85	...	33	5	...	3
Carried over ...			69	95	...	...	...

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Inches.	Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			69	95	...	...	...
1 Aug...	456	10	...	57	4"	...	...
			...	57			
2 „ ...	456	10	...	22	3	...	...
3 „ ...	456	10	...	56	2¼	...	...
4 „ ...	456	10	...	60	1¼	...	...
5 „ ...	456	20	...	44	1¼	...	...
6 „ ...	456	20	...	14	4	...	...
7 „ ...	456	50	...	11	7	...	...
8 „ ...	456	85	7	76	9	...	...
			9	83			
9 „ ...	457	50	2	74	2'-11"	...	...
10 „ ...	457	20	2	56	1-8	...	...
11 „ ...	456	90	1	35	0-11	...	...
12 „ ...	456	80	2	01	0-7	...	...
13 „ ...	456	85	...	53	1-0	...	...
14 „ ...	456	80	2	81	0-11	...	...
15 „ ...	456	90	3	35	1-2	...	...
			15	35			
16 „ ...	457	00	...	51	1'-3"	...	...
17 „ ...	456	75	...	32	0'-9"	...	...
18 „ ...	456	60	...	30	4½"	...	...
19 „ ...	456	60	...	13	2¼"	...	...
20 „ ...	456	60	1	93	1½"	...	...
21 „ ...	456	75	...	49	5"	...	...
22 „ ...	456	70	...	25	2"	...	...
			3	93			
23 „ ...	456	65	...	44	1½	...	...
24 „ ...	456	60	...	05	1½	...	...
25 „ ...	456	55	...	...	1	...	...
26 „ ...	456	55	...	...	1	...	...
27 „ ...	456	50	1	46	1	...	...
28 „ ...	456	60	...	07	1½	...	...
29 „ ...	456	60	...	10	1	...	...
			2	12			
30 „ ...	456	50	...	...	½	...	...
31 „ ...	456	50	...	...	¼	...	...
Carried over ...			101	75	...	...	...

TABLE No. 3—*contd.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			101	75	...	...	...
1 Sept...	456	45	...	04	¼	...	...
2 „ ...	456	45	...	24	¼	...	...
3 „ ...	456	40	...	74	¼	...	...
4 „ ...	456	45	...	80	¼	...	...
5 „ ...	456	50	...	46	¼	...	...
			2	28		...	...
6 „ ...	456	50	...	61	1″		
7 „ ...	456	50	...	75	¾	...	...
8 „ ...	456	60	...	40	1¼	...	...
9 „ ...	456	60	...	50	1	...	...
10 „ ...	456	60	2	12	2	...	...
11 „ ...	456	80	1	05	12	...	...
12 „ ...	456	80	...	74	8½	...	...
			6	17			
13 „ ...	456	70	...	04	6½	...	...
14 „ ...	456	65	...	23	3	...	...
15 „ ...	456	60	...	26	2¼	...	...
16 „ ...	456	60	...	39	2¼	...	...
17 „ ...	456	55	...	...	2	...	...
18 „ ...	456	55	...	...	1¼	...	...
19 „ ...	456	50	...	97	1	...	...
			1	89			
20 „ ...	456	55	...	03	1½	...	...
21 „ ...	456	50	...	...	1¼	...	...
22 „ ...	456	50	...	46	¾	...	...
23 „ ...	456	50	...	23	1¼	...	...
24 „ ...	456	50	...	...	¾	...	...
25 „ ...	456	45	3	32	¼	...	...
26 „ ...	456	90	...	08	4″	...	...
			4	12			
27 „ ...	456	70	...	...	3	...	...
28 „ ...	456	60	...	13	2	...	...
29 „ ...	456	55	...	03	1½	...	...
30 „ ...	456	50	1	35	¾	...	...
Carried over ...			117	72	...	...	...

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			117	72	...	...	...
1 Oct....	456	65	...	08	1½	...	...
2 „ ...	456	60	...	...	1	...	...
3 „ ...	456	55	...	09	1	...	...
			...	17			
4 „ ...	456	55	...	34	¾	...	...
5 „ ...	456	55	...	27	¾	...	...
6 „ ...	455	55	...	03	1	...	...
7 „ ...	456	55	...	06	1	...	...
8 „ ...	456	50	...	...	¼	...	...
9 „ ...	456	45	...	...	¼	...	...
10 „ ...	456	45	...	07	¼	...	...
			...	77			
11 „ ...	456	40	...	...	...	...	...
12 „ ...	456	35	...	...	...	...	...
13 „ ...	456	30	...	...	...	...	...
14 „ ...	456	25	...	...	...	...	...
15 „ ...	456	20	...	...	...	...	...
16 „ ...	456	15	...	...	...	...	...
17 „ ...	456	10	...	...	..	...	...
			...	...			
18 „ ...	456	00	...	...	...	...	...
19 „ ...	455	95	...	...	...	...	...
20 „ ...	455	85	...	...	...	...	...
21 „ ...	455	80	...	...	...	...	...
22 „ ...	455	75	...	...	...	...	...
23 „ ...	455	65	...	...	...	...	...
24 „ ...	455	60	...	...	...	...	...
			...	...			
25 „ ...	455	50	...	...	...	...	...
26 „ ...	455	45	...	...	...	...	...
27 „ ...	455	40	...	...	...	...	...
28 „ ...	455	30	...	...	...	...	...
29 „ ...	455	25	...	...	...	...	...
30 „ ...	455	15	...	...	...	...	...
31 „ ...	455	10	...	...	...	...	...
Carried over ...			118	66	...	...	...

TABLE No. 3—*concld.*

Water Level, Rainfall and Gaugings of Leakage at Tulsi Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward			118	66	...	...	...
1 Nov.	455	10	...	...	3⅜	1¼	3½
2 „ ...	454	95	...	...	3⅜	1¼	3⅜
3 „ ...	454	85	...	...	3⅜	1¼	3⅜
4 „ ...	454	80	...	...	3⅜	1¼	3⅜
5 „ ...	454	75	...	...	3⅜	1¼	3⅜
6 „ ...	454	65	...	...	3⅜	1¼	3⅜
7 „ ...	454	60	...	...	3⅜	1⅛	3¼
			...	...			
8 „ ...	454	50	...	...	3¼	1⅛	3¼
9 „ ...	454	45	...	...	3¼	1⅛	3¼
10 „ ...	454	35	...	...	3¼	1⅛	3¼
11 „ ...	454	25	...	...	3¼	1⅛	3⅛
12 „ ...	454	20	...	...	3¼	1⅛	3⅛
13 „ ...	454	10	...	...	3⅛	1⅛	3⅛
14 „ ...	454	05	...	...	3⅛	1⅛	3⅛
			...	...			
15 „ ...	453	95	...	...	3⅛	1	3⅛
16 „ ...	453	90	...	...	3⅛	1	3⅛
17 „ ...	453	80	...	...	3⅛	1	3⅛
18 „ ...	453	75	...	...	3⅛	1	3⅛
19 „ ...	453	65	...	...	3	1	3
20 „ ...	453	55	...	...	3	1	3
21 „ ...	453	50	...	...	3	1	3
			...	...			
22 „ ...	453	40	...	...	2⅞	1	3
23 „ ...	453	35	...	...	2⅞	1	2⅞
24 „ ...	453	25	...	...	2⅞	1	2⅞
25 „ ...	453	20	...	...	2⅞	1	2⅞
26 „ ...	453	10	...	...	2⅞	1	2⅞
27 „ ...	453	05	...	...	2⅞	1	2⅞
28 „ ...	452	95	...	...	2¾	1	2¾
			...	...			
29 „ ...	452	90	...	...	2¾	1	2¾
30 „ ...	452	80	...	...	2¾	1	2¾
Carried over ...			118	66	...	...	...

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Inches.	Rainfall. Cents.	Masonry Drain Gauge. Inches.	Waste Weir Gauge. Inches.	Tulsi Sluice House Gauge. Inches.
Brought forward.			118	66	...	...	...
1 Dec....	452	75	...	...	2¾	1	2¾
2 „ ...	452	65	...	...	2⅝		2⅝
3 „ ...	452	60	...	...	2⅝		2⅝
4 „ ...	452	50	...	...	2⅝		2⅝
5 „ ...	452	45	...	...	2⅝		2¾
			...	...			
6 „ ...	452	35	...	...	2⅝		2⅝
7 „ ...	452	30	...	...	2⅝		2⅝
8 „ ...	452	20	...	...	2½		2½
9 „ ...	452	15	...	...	2½		2½
10 „ ...	452	05	...	...	2½		2½
11 „ ...	452	00	...	...	2½		2⅝
12 „ ...	451	90	...	...	2½		2¾
			...	...			
13 „ ...	451	85	...	...	2½		2¾
14 „ ...	451	75	...	...	2½		2¾
15 „ ...	451	65	...	...	2½		2¾
16 „ ...	451	60	...	...	2½		2¾
17 „ ...	451	50	...	...	2½		2⅝
18 „ ...	451	45	...	...	2½		2⅝
19 „ ...	451	35	...	...	2⅝		2⅝
			...	...			
20 „ ...	451	30	...	...	2½		2⅝
21 „ ...	451	20	...	...	2½		2⅝
22 „ ...	451	15	...	...	2½		2⅝
23 „ ...	451	05	...	...	2½		2⅝
24 „ ...	451	00	...	...	2⅝		2⅝
25 „ ...	450	95	...	...	2⅝		2⅝
26 „ ...	450	85	...	...	2⅝		2⅝
			...	...			
27 „ ...	450	80	...	...	2⅝		2⅝
28 „ ...	450	70	...	...	2⅝		2⅝
29 „ ...	450	65	...	...	2⅝		2⅝
30 „ ...	450	55	...	...	2⅝		2⅝
31 „ ...	450	50	...	...	2⅝		2⅝
Total Rainfall for the year 1897 ...			118	66			

TABLE No. 4.

338. Water Level and Rainfall at Pawai Lake.

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
1 January ...	188	50	...	...	6⅝
2 „ ...	188	50	...	...	6⅝
3 „ ...	188	50	...	...	6½
			...	...	
4 „ ...	188	45	...	...	6⅜
5 „ ...	188	45	...	...	6⅜
6 „ ...	188	45	...	...	6⅜
7 „ ...	188	45	...	...	6¼
8 „ ...	188	40	...	...	6¼
9 „ ...	188	40	...	...	6¼
10 „ ...	188	40	...	...	6⅛
			...	...	
11 „ ...	188	35	...	...	6⅛
12 „ ...	188	35	...	...	6⅛
13 „ ...	188	35	...	...	6⅛
14 „ ...	188	35	...	...	6⅛
15 „ ...	188	30	...	...	6⅛
16 „ ...	188	30	...	...	6⅛
17 „ ...	188	30	...	...	6
			...	...	
18 „ ...	188	25	...	...	6
19 „ ...	188	25	...	...	5⅞
20 „ ...	188	25	...	...	5⅞
21 „ ...	188	25	...	...	5⅞
22 „ ...	188	20	...	...	5⅞
23 „ ...	188	20	...	...	5⅞
24 „ ...	188	20	...	...	5½
			...	...	
25 „ ...	188	15	...	...	5⅜
26 „ ...	188	15	...	...	5⅜
27 „ ...	188	15	...	...	5¼
28 „ ...	188	15	...	...	5¼
29 „ ...	188	10	...	...	5⅛
30 „ ...	188	10	...	...	5
31 „ ...	188	10	...	...	5⅛
Carried over...			...	...	

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 February.	188	05	...	...	5
2 „ ...	188	05	...	...	5
3 „ ...	188	05	...	...	5
4 „ ...	188	05	...	...	5
5 „ ...	188	00	...	...	5
6 „ ...	188	00	...	...	5
7 „ ...	188	00	...	...	5
			...	...	
8 „ ...	187	95	...	...	5
9 „ ...	187	95	...	...	5
10 „ ...	187	95	...	...	5
11 „ ...	187	95	...	...	5
12 „ ...	187	90	...	...	5
13 „ ...	187	90	...	...	5
14 „ ...	187	90	...	...	5
			...	...	
15 „ ...	187	85	...	...	5
16 „ ...	187	85	...	...	4⅞
17 „ ...	187	85	...	...	4⅞
18 „ ...	187	85	...	...	4⅞
19 „ ...	187	80	...	...	4⅞
20 „ ...	187	80	...	...	4⅞
21 „ ...	187	80	...	...	4⅞
			...	...	
22 „ ...	187	75	...	...	4⅞
23 „ ...	187	75	...	...	4⅞
24 „ ...	187	75	...	...	4⅞
25 „ ...	187	75	...	...	4⅞
26 „ ...	187	70	...	...	4⅞
27 „ ...	187	70	...	...	4⅞
28 „ ...	187	70	...	...	4⅞
Carried over ...			...	...	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1897.	Height of Water. Feet.	Cents	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 March ...	187	65	...	...	4 1/16
2 " ...	187	65	...	...	4 1/16
3 " ...	187	65	...	...	4 1/16
4 " ...	187	60	...	...	4 1/16
5 " ...	187	60	...	...	4 1/16
6 " ...	187	60	...	...	4 1/16
7 " ...	187	55	...	...	4 1/2
			...	...	
8 " ...	187	55	...	...	4 1/2
9 " ...	187	55	...	...	4 1/2
10 " ...	187	55	...	...	4 1/2
11 " ...	187	50	...	...	4 1/2
12 " ...	187	50	...	...	4 1/16
13 " ...	187	50	...	...	4 1/16
14 " ...	187	45	...	...	4 1/16
			...	...	
15 " ...	187	45	...	...	4 1/16
16 " ...	187	45	...	...	4 1/16
17 " ...	187	45	...	...	4 1/4
18 " ...	187	40	...	...	4 1/8
19 " ...	187	40	...	...	4 1/8
20 " ...	187	40	...	...	4 1/8
21 " ...	187	35	...	...	4 1/8
			...	...	
22 " ...	187	35	...	...	4 1/8
23 " ...	187	35	...	...	4 1/8
24 " ...	187	35	...	...	4 1/8
25 " ...	187	30	...	...	4 1/8
26 " ...	187	30	...	...	4 1/8
27 " ...	187	30	...	...	4 1/8
28 " ...	187	25	...	...	4 1/8
			...	...	
29 " ...	187	25	...	...	4 1/8
30 " ...	187	25	...	...	4 1/8
31 " ...	187	25	...	...	4
Carried over...			...	...	

Date 1897.	Weight of Water. Feet.	Cents	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 April ...	187	25	...	...	4
2 " ...	187	20	...	...	4
3 " ...	187	20	...	...	4
4 " ...	187	15	...	...	4
			...	...	
5 " ...	187	15	...	...	4
6 " ...	187	15	...	...	4
7 " ...	187	15	...	...	4
8 " ...	187	10	...	...	4
9 " ...	187	10	...	...	4
10 " ...	187	05	...	...	3 1/16
11 " ...	187	05	...	...	3 1/8
			...	...	
12 " ...	187	05	...	...	3 1/16
13 " ...	187	05	...	...	3 1/16
14 " ...	187	00	...	...	3 1/16
15 " ...	187	00	...	...	3 1/16
16 " ...	187	00	...	...	3 1/16
17 " ...	186	95	...	...	3 3/16
18 " ...	186	95	...	...	3 3/16
			...	...	
19 " ...	186	95	...	...	3 3/16
20 " ...	186	95	...	...	3 3/16
21 " ...	186	95	...	...	3 3/16
22 " ...	186	90	...	...	3 3/16
23 " ...	186	90	...	...	3 3/16
24 " ...	186	85	...	...	3 3/16
25 " ...	186	85	...	...	3 3/16
			...	...	
26 " ...	186	85	...	...	3 3/16
27 " ...	186	80	...	...	3 3/16
28 " ...	186	80	...	...	3 3/16
29 " ...	186	80	...	...	3 3/16
30 " ...	186	75	...	...	3 3/16
Carried over ...			...	...	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 May ...	186	75	...	..	3½
2 „ ...	186	75	...	...	3½
			...	...	
3 „ ...	186	75	...	...	3½
4 „ ...	186	70	...	...	3½
5 „ ...	186	70	...	...	3½
6 „ ...	186	70	...	...	3½
7 „ ...	186	65	...	...	3⅜
8 „ ...	186	65	...	...	3⅜
9 „ ...	186	65	...	...	3⅜
			...	...	
10 „ ...	186	65	...	...	3⅜
11 „ ...	186	60	...	...	3⅜
12 „ ...	186	60	...	...	3⅜
13 „ ...	186	60	...	...	3⅜
14 „ ...	186	55	...	...	3⅜
15 „ ...	186	55	...	...	3⅜
16 „ ...	186	55	...	...	3⅜
			...	...	
17 „ ...	186	55	...	...	3⅜
18 „ ...	186	50	...	...	3⅜
19 „ ...	186	50	...	...	3⅜
20 „ ...	186	50	...	...	3⅜
21 „ ...	186	45	...	...	3⅜
22 „ ...	186	45	...	...	3⅜
23 „ ...	186	45	...	...	3⅜
			...	...	
24 „ ...	186	45	...	...	3⅜
25 „ ...	186	40	...	...	3¼
26 „ ...	186	40	...	...	3¼
27 „ ...	186	40	...	...	3¼
28 „ ...	186	35	...	...	3¼
29 „ ...	186	35	...	...	3⅛
30 „ ...	186	35	...	...	3⅛
			...	...	
31 „ ...	186	30	...	...	⅛
Carried over ...			...	...	

Date 1897.	Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...			...	...	
1 June ...	186	30	...	...	3⅛
2 „ ...	186	30	...	...	3
3 „ ...	186	25	...	...	3
4 „ ...	186	25	...	...	3
5 „ ...	186	25	...	...	3
6 „ ...	186	25	0	13	3
			0	13	
7 „ ...	186	20	...	...	...
8 „ ...	186	20	0	52	...
9 „ ...	186	20	0	05	...
10 „ ...	186	20	0	77	...
11 „ ...	186	20	0	55	...
12 „ ...	186	20	...	...	...
13 „ ...	186	20	0	14	...
			2	03	
14 „ ...	186	20	...	...	...
15 „ ...	186	20	...	...	...
16 „ ...	186	15	...	...	...
17 „ ...	186	15	0	67	...
18 „ ...	186	40	4	64	...
19 „ ...	186	90	0	40	...
20 „ ...	186	90	0	85	...
			6	56	
21 „ ...	186	90	4	95	...
22 „ ...	187	60	0	19	...
23 „ ...	187	65	0	33	...
24 „ ...	187	80	0	14	...
25 „ ...	187	90	0	08	...
26 „ ...	187	90	...	...	...
27 „ ...	187	90	0	07	...
			5	76	
28 „ ...	187	95	...	...	...
29 „ ...	187	95	...	...	...
30 „ ...	187	95	...	...	...
Carried over ...			14	48	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1897.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				14	48	
1	July ...	187	95	...	...	...
2	„ ...	187	90	...	...	...
3	„ ...	187	90	...	...	...
4	„ ...	187	90	...	...	...
				...	...	
5	„ ...	187	85	0	64	...
6	„ ...	187	95	0	28	...
7	„ ...	188	00	1	76	...
8	„ ...	188	20	0	14	...
9	„ ...	188	20	1	30	...
10	„ ...	188	15	0	89	...
11	„ ...	188	40	1	42	...
				6	43	
12	„ ...	188	90	0	15	...
13	„ ...	188	90	1	02	...
14	„ ...	189	10	0	65	...
15	„ ...	189	20	1	79	...
16	„ ...	189	70	5	42	...
17	„ ...	190	15	3	37	...
18	„ ...	190	10	1	13	...
				13	53	
19	„ ...	190	10	0	76	...
20	„ ...	190	10	1	18	...
21	„ ...	190	10	1	19	...
22	„ ...	190	15	2	35	...
23	„ ...	190	05	2	25	...
24	„ ...	190	00	4	22	...
25	„ ...	190	25	3	09	...
				15	04	
26	„ ...	190	10	0	19	...
27	„ ...	190	10	0	07	...
28	„ ...	190	05	0	81	...
29	„ ...	190	05	2	29	...
30	„ ...	190	20	0	05	...
31	„ ...	190	10	0	16	...
				...	...	
Carried over ...				53	05	

Date 1897.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				53	05	
1	August ...	190	05	0	21	...
				0	21	
2	„ ...	190	05	0	33	...
3	„ ...	190	05	0	46	...
4	„ ...	190	05	0	46	...
5	„ ...	190	05	0	07	...
6	„ ...	190	05	1	75	...
7	„ ...	190	20	1	30	...
8	„ ...	190	00	2	70	...
				7	07	
9	„ ...	190	30	1	33	...
10	„ ...	190	20	2	35	...
11	„ ...	190	20	0	45	...
12	„ ...	190	00	0	66	...
13	„ ...	190	00	0	92	...
14	„ ...	189	95	0	87	...
15	„ ...	189	90	1	37	..
				7	95	
16	„ ...	189	95	0	18	...
17	„ ...	189	90	0	11	...
18	„ ...	189	50	0	42	...
19	„ ...	188	75	0	10	...
20	„ ...	188	25	0	86	...
21	„ ...	187	90	0	19	...
22	„ ...	187	70	0	26	...
				2	12	
23	„ ...	187	15	0	03	...
24	„ ...	186	60	...	...	...
25	„ ...	186	30	...	...	...
26	„ ...	186	00	...	...	...
27	„ ...	184	30	0	45	...
28	„ ...	183	35	0	22	...
29	„ ...	182	45	...	...	...
				0	70	
30	„ ...	180	55	...	...	...
31	„ ...	179	50	...	...	...
Carried over ...				71	10	

TABLE No. 4—*contd.*

Water Level and Rainfall at Pawai Lake.

Date 1897.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				71	10	
1	September.	179	20	...	...	...
2	„ ...	179	40	0	15	...
3	„ ...	179	60	0	14	...
4	„ ...	179	80	0	15	...
5	„ ...	180	00	0	34	...
				0	78	
6	„ ...	180	20	0	59	...
7	„ ...	180	60	0	83	...
8	„ ...	181	10	0	61	...
9	„ ...	181	70	0	21	...
10	„ ...	182	00	0	23	...
11	„ ...	183	10	1	57	...
12	„ ...	184	70	0	27	...
				4	31	
13	„ ...	185	00	...	...	...
14	„ ...	185	10	...	...	...
15	„ ...	185	15	0	41	...
16	„ ...	185	25	0	10	...
17	„ ...	185	30	...	...	...
18	„ ...	185	35	...	...	...
19	„ ...	185	40	0	51	...
				1	02	
20	„ ...	185	45	0	04	...
21	„ ...	185	65	...	...	...
22	„ ...	185	70	0	60	...
23	„ ...	185	80	0	33	...
24	„ ...	185	90	...	...	...
25	„ ...	185	90	4	49	...
26	„ ...	187	90	0	19	...
				5	65	
27	„ ...	188	10	...	...	...
28	„ ...	188	20	0	01	...
29	„ ...	188	20	0	85	...
30	„ ...	188	30	0	82	...
				...	...	
Carried over ...				84	54	

Date 1897.		Height of Water. Feet.	Cents.	Rainfall. Ins.	Cents.	Goper Dam Gauge. Ins.
Brought forward ...				84	54	
1	October ...	188	50	0	20	...
2	„ ...	188	60	...	...	...
3	„ ...	188	70	0	10	...
				0	30	
4	„ ...	188	90	0	11	...
5	„ ...	188	95	0	21	...
6	„ ...	189	00	...	...	...
7	„ ...	189	00	...	...	...
8	„ ...	189	05	...	...	...
9	„ ...	189	05	0	16	...
10	„ ...	189	10	...	...	...
				0	48	
11	„ ...	189	10	...	...	...
12	„ ...	189	10	0	22	...
13	„ ...	189	10	...	...	...
14	„ ...	189	15	...	...	...
15	„ ...	189	15	...	...	...
16	„ ...	189	15	...	...	...
17	„ ...	189	15	...	...	...
				0	22	
18	„ ...	189	15	...	...	...
19	„ ...	189	10	...	...	...
20	„ ...	189	10	...	...	...
21	„ ...	189	10	...	...	...
22	„ ...	189	05	...	...	...
23	„ ...	189	05	...	...	...
24	„ ...	189	05	...	...	...
				...	...	
25	„ ...	189	05	...	...	...
26	„ ...	189	05	...	...	...
27	„ ...	189	00	...	...	...
28	„ ...	189	00	...	...	...
29	„ ...	189	00	...	...	...
30	„ ...	189	00	...	...	...
31	„ ...	188	95	...	...	...
Carried over ...				85	54	

TABLE No. 4—*concld.*

Water Level and Rainfall at Pawai Lake.

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Ins.	Rainfall. Cents.	Goper Dam Gauge. Ins.
Brought forward ...			85	54	
1 November.	188	95	...	...	13¼
2 „ ...	188	95	...	...	13¼
3 „ ...	188	95	...	...	13¼
4 „ ...	188	90	...	...	13¼
5 „ ...	188	90	...	...	13¼
6 „ ...	188	90	...	...	13⅛
7 „ ...	188	85	...	...	13⅛
			...	...	
8 „ ...	188	85	...	...	13⅛
9 „ ...	188	85	...	...	13
10 „ ...	188	85	...	...	13
11 „ ...	188	80	...	...	13
12 „ ...	188	80	...	...	13
13 „ ...	188	80	...	...	13
14 „ ...	188	75	...	...	12⅞
			...	...	
15 „ ...	188	75	...	...	12¾
16 „ ...	188	75	...	...	12¾
17 „ ...	188	75	...	...	12⅝
18 „ ...	188	70	...	...	12½
19 „ ...	188	70	...	...	12⅜
20 „ ...	188	70	...	...	12¼
21 „ ...	188	65	...	...	12¼
			...	...	
22 „ ...	188	65	...	...	12⅛
23 „ ...	188	65	...	...	12⅛
24 „ ...	188	60	...	...	12
25 „ ...	188	60	...	...	12
26 „ ...	188	60	...	...	12
27 „ ...	188	55	...	...	11⅞
28 „ ...	188	55	...	...	11⅞
			...	...	
29 „ ...	188	55	...	...	11⅞
30 „ ...	188	55	...	...	11¾
Carried over ...			85	54	

Date 1897.	Height of Water. Feet.	Height of Water. Cents.	Rainfall. Ins.	Rainfall. Cents.	Goper Dam Gauge. Ins.
Brought forward ...			85	54	
1 December.	188	50	...	...	11⅝
2 „ ...	188	50	...	...	11⅝
3 „ ...	188	50	...	...	11⅝
4 „ ...	188	45	...	...	11⅝
5 „ ...	188	45	...	...	11⅝
			...	...	
6 „ ...	188	45	...	...	11⅝
7 „ ...	188	45	...	...	11⅝
8 „ ...	188	40	...	...	11⅝
9 „ ...	188	40	...	...	11¼
10 „ ...	188	40	...	...	11
11 „ ...	188	35	...	...	11
12 „ ...	188	35	...	...	8¼
			...	...	
13 „ ...	188	35	...	...	8⅛
14 „ ...	188	35	...	...	8
15 „ ...	188	30	...	...	7⅞
16 „ ...	188	30	...	...	7⅞
17 „ ...	188	30	...	...	7⅞
18 „ ...	188	25	...	...	7¾
19 „ ...	188	25	...	...	7⅝
			...	...	
20 „ ...	188	25	...	...	7⅝
21 „ ...	188	25	...	...	7⅝
22 „ ...	188	20	...	...	7½
23 „ ...	188	20	...	...	7½
24 „ ...	188	20	...	...	7½
25 „ ...	188	15	...	...	7⅜
26 „ ...	188	15	...	...	7⅜
			...	...	
27 „ ...	188	15	...	...	7⅜
28 „ ...	188	15	...	...	7⅜
29 „ ...	188	10	...	...	7⅜
30 „ ...	188	10	...	...	7⅜
31 „ ...	188	10	...	...	7⅜
Total Rainfall for the year 1897... ...			85	54	

TABLE No. 5.

339. Analyses of Water.

Dates, when Analyses were made.	Water drawn from	Grains per Gallon.		Parts per Million.	
		Total Solids.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.
23rd Aug. '97	Tulsi Lake	6·30	1·68	·05	·11
	Vehar unfiltered from the outlet well of the Lake	5·60	1·54	·02	·13
	Bhandarwada filtered	4·90	1·54	·06	·08
	Tansa water No. 5 from the Ghatkooper	9·10	1·96	·01	·07
27th Aug. '97	Tulsi Lake	4·20	1·68	·04	·14
	Bhandarwada filtered	6·30	1·54	·02	·06
	Bhandarwada unfiltered	6·30	1·54	·06	·16
	Tansa Ghatkooper	4·20	1·40	·06	·07
24th Nov. '97	Tulsi Lake	8·40	2·10	·13	·40
	Tulsi unfiltered water taken from the inlet well at Malabar Hill Reservoir...	7·00	2·10	·06	·08
	Tulsi filtered water taken from the filter well of No. 1 Filter at Malabar Hill Reservoir	4·20	1·40	·02	·08
	Vehar unfiltered from the outlet well of the Lake	5·60	2·10	·08	·11
	Bhandarwada filtered	4·20	2·10	·04	·06
		4·20	1·82	·06	·06
	Bhandarwada unfiltered	4·20	2·10	·04	·11
	Unfiltered water from Vehar taken from the inlet channel of Bhandarwada Reservoir	2·80	1·54	·02	·08
	Filtered Vehar water taken from the filter water channel of No. 1 filter of Bhandarwada Reservoir	4·20	1·54	·02	·07
	Tansa water No. 5 from the Ghatkooper duct	8·40	1·54	·04	·09
	Water from Tansa Lake from near the outlet surface (water)...	5·60	1·54	·05	·10
	Water from the outlet well of Tansa Lake just entering the duct	5·60	1·68	·05	·11
3rd Feb. '98	Tulsi unfiltered from Malabar Hill Reservoir...	3·50	2·10	·04	·14
	Tulsi filtered from the Malabar Hill Reservoir...	3·50	2·10	·04	·08
	Bhandarwada filtered	3·50	2·52	·02	·12
	Bhandarwada unfiltered	3·50	2·52	·02	·13
8th Feb. '98	Tulsi Lake	3·50	2·10	·09	·14
	Vehar unfiltered from the outlet well of the Lake	3·50	1·68	·09	·14
	Tansa water No. 5 from the Ghatkooper duct	3·50	1·40	·02	·07
	Vehar water filtered at Vehar filter beds.	3·50	1·68	·02	·04
		3·60	1·96	·02	·04
	Vehar unfiltered from measuring chamber of Vehar filter	3·50	2·10	·02	·12
12th Feb. '98.	Tansa Lake from near the outlet ...	4·90	1·68	·02	·12
	Tansa water from outlet well	3·50	1·68	·02	·12

TABLE No. 6.

Temperature of Water.

340. Statement showing the Fortnightly Readings of Thermometers at Vehar, Tulsi, and Tansa Lakes and Bhandarwada and Malabar Hill Reservoirs.

Date 1897.	Time.	Vehar Lake.	Tulsi Lake.	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st January ...	6 A.M.	78	74	73	75	74	75	75
1st " ...	12 NOON	80	77	80	76	76	76	76
1st " ...	6 P.M.	77	76	81	76	76	77	77
15th " ...	6 A.M.	77	74	68	75	75	...	75
15th " ...	12 NOON	80	77	77½	76	76	...	75
15th " ...	6 P.M	77	76	76½	76	76	...	76
1st February ...	6 A.M.	76	73	73	74	74	...	76
1st " ...	12 NOON	80	78	82	74	74	...	76
1st " ...	6 P.M.	76	77	79	74	74	...	77
15th " ...	6 A.M.	76	74	73	76	76	...	76
15th " ...	12 NOON	82	78	78	75	75	...	76
15th " ...	6 P.M.	76	77	80	75	75	...	77
1st March ...	6 A.M.	76	76	74	76	77	...	77
1st " ...	12 NOON	83	79	82	76	76	...	77
1st " ...	6 P.M.	77	78	81	76	76	...	78
15th " ...	6 A.M.	79	77	76	78	79	...	78
15th " ...	12 NOON	85	82	81	79	79	...	78
15th " ...	6 P.M.	79	81	82	79	79	...	79
1st April ...	6 A.M.	80	80	80	82	81	...	79
1st " ...	12 NOON	86	84	84	82	82	...	80
1st " ...	6 P.M.	80	83	87	82	81	...	80
15th " ...	6 A.M.	81	83	82	84	84	...	81
15th " ...	12 NOON	88	87	88	85	84½	...	81
15th " ...	6 P.M.	82	86	86	85	85	...	82
1st May ...	6 A.M.	84	87	84	86	85	...	83
1st " ...	12 NOON	87	90	90	85	86	...	84
1st " ...	6 P.M.	84	89	88	86	87	...	84
15th " ...	6 A.M.	86	87	84½	88	87	...	86
15th " ...	12 NOON	90	91	91	88	87	...	86
15th " ...	6 P.M.	87	89	...	88	87	...	87
1st June ...	6 A.M.	89	87	87	90	88	...	...
1st " ...	12 NOON	91	90	89	89	88	...	...
1st " ...	6 P.M.	89	89	88	89	89	...	...
15th " ...	6 A.M.	91	87	87	...	...	...	87
15th " ...	12 NOON	94	89	89	...	...	...	88
15th " ...	6 P.M.	91	88	88	...	...	...	88
1st July ...	6 A.M.	87	83	84	87	85	...	85
1st " ...	12 NOON	88	83	88	87	86	...	85
1st " ...	6 P.M.	86	84	86	87	85	...	86
15th " ...	6 A.M.	84	82	83	84	83	...	84
15th " ...	12 NOON	86	82	83½	84	83	...	84
15th " ...	6 P.M.	84	81	82	83	83	...	85
1st August ...	6 A.M.	83	80	81	82	82	...	82
1st " ...	12 NOON	85	83	...	83	83	...	82
1st " ...	6 P.M.	83	82	...	82	81	...	83
15th " ...	6 A.M.	82	80	80	81	81	...	81
15th " ...	12 NOON	84	82	...	81	81	...	82
15th " ...	6 P.M.	82	81	...	81	81	...	82
1st September ...	6 A.M.	85	83	83	82	82	83	83
1st " ...	12 NOON	86	84	87	82	82	83	83
1st " ...	6 P.M.	84	83	84	82	82	83	84
15th " ...	6 A.M.	85	83	82	82	82	83	83
15th " ...	12 NOON	86	84	84	83	83	83	83
15th " ...	6 P.M.	83	83	83	82	82	83	84

TABLE No. 6—*contd.*

Date 1896.	Time.	Vehar Lake.	Tulsi Lake	Tansa Lake.	Malabar Hill Reservoir.		Bhandarwada Reservoir.	
					Inlet Channel.	Distributing Basin.	Inlet Channel.	Distributing Basin.
		°	°	°	°	°	°	°
1st October ...	6 A.M.	86	84	84	83	83	...	...
1st " ...	12 NOON	89	87	88	83	83	...	...
1st " ...	6 P.M.	86	86	86	83	83	...	...
15th " ...	6 A.M.	85	85	84	84	84	86	86
15th " ...	12 NOON	90	87	91	84	84	86	87
15th " ...	6 P.M.	87	86	88	84	84	87	87
1st November ...	6 A.M.	85	84	83	83	83	83	83
1st " ...	12 NOON	91	85	88	83	83	83	84
1st " ...	6 P.M.	86	84	85	83	83	84	84
15th " ...	6 A.M.	82	80	79	80	80	80	80
15th " ...	12 NOON	85	81	84	80	80	80	81
15th " ...	6 P.M.	82	80	83	80	81	81	81
1st December ...	6 A.M.	80	78	75	77	78	77	77
1st " ...	12 NOON	82	79	82	76	77	77	78
1st " ...	6 P.M.	80	78	80	77	77	78	78
15th " ...	6 A.M.	76	75	75½	75	76	75	75
15th " ...	12 NOON	80	77	79	75	76	76	76
15th " ...	6 P.M.	78	76	80	75	76	76	77

TABLE No. 7.

Dipping Wells, Fountains, &c.

341. Public Supplies of Water and their Situations on the 31st March 1898.

Wards.	Dipping Wells.	Drinking Fountains.	Stand-pipes.	Large Ornamental Fountains.	Cattle Troughs.	Total.
A Ward ...	...	10	9	8	4	31
B " ...	...	4	14	1	7	26
C " ...	...	9	10	1	1	21
D " ...	1	6	3	...	1	11
E " ...	4	8	17	5	8	42
F " ...	...	5	19	1	11	36
G " ...	...	7	15	...	5	27
Total...	5	49	87	16	37	194
Total 1896-97.	10	49	83	15	36	193

TABLE No. 8.

Notices Issued.

342. Statement showing the Number of Notices issued to Owners on account of faulty Taps and Service Pipes, &c.

Ward.	Stop Taps.	Service Pipes.	Taps, &c.	Miscellaneous.	Transferring connections	Waste.	Meter fixing.	Total.
A Ward ...	134	239	654	217	...	28	7	1,279
B " ...	180	285	1,165	15	...	...	22	1,667
C " ...	595	515	582	...	...	...	18	1,710
D " ...	110	261	1,167	118	...	...	64	1,720
E " ...	165	370	1,243	...	...	...	20	1,798
F " ...	78	117	919	29	...	...	14	1,157
G " ...	36	90	476	58	4	...	15	679
Total...	1,298	1,877	6,206	437	4	28	160	10,010
Total, 1896-97...	1,908	2,091	4,816	384	25	265	264	9,747

TABLE No. 9.

Sanctioned and Actual Number of Disconnections.

343. Statement showing Sanctions to disconnect Service Pipes for non-compliance with notices to repair fittings, &c., and number of disconnections.

Date on which sanction of the Standing Committee was asked. 1897-98.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made.	Date on which sanction of the Standing Committee was asked. 1897-98.		Number sanctioned by the Standing Committee.	Orders issued.	Disconnections made.
April	7th	36	36	7	Brought over..		1,125	1,094	149
"	13th	17	17	0					
"	21st	9	9	0	November	3rd	21	17	1
"	28th	22	22	2	"	10th	9	9	2
May	5th	21	21	2	"	17th	34	34	7
"	12th	89	89	22	"	24th	16	16	2
"	19th	108	98	18	December	1st	17	17	2
"	26th	12	11	6	"	8th	32	32	5
June	2nd	40	44	3	"	15th	24	24	1
"	9th	60	53	5	"	22nd	34	34	3
"	16th	22	22	3	"	27th	12	12	0
"	23th	32	30	5	January 1898	5th	39	39	2
"	30th	40	40	4	"	12th	5	5	1
July	7th	28	28	2	"	19th	51	51	10
"	14th	15	15	2	"	26th	54	49	7
"	21st	24	24	7	February	2nd	105	105	5
"	28th	10	10	3	"	9th	97	93	7
August	3rd	36	36	8	"	16th	62	59	3
"	11th	26	26	4	"	22nd	48	45	8
"	18th	15	14	2	March	2nd	54	48	5
"	25th	104	104	7	"	9th	20	19	2
September	1st	45	45	9	"	16th	47	47	4
"	8th	63	63	6	"	23rd	21	21	0
"	22nd	75	65	5	"	30th	67	67	0
"	29th	45	45	2					
October	6th	24	24	1					
"	13th	48	47	7	Total 1897-98..		1,994	1,937	226
"	20th	44	44	7					
"	28th	13	12	0					
Carried over..		1,125	1,094	149	Total 1896-97..		1,022	1,012	118

TABLE No. 10.

344. Water Connections made from 1st April 1897 to 31st March 1898.

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total connections.	Total disconnections.	Net increase in connections.	Decrease in connections.
A Ward	35	8	12	1	2	...	2	5	...	1	...	66	54	12	...
B „	50	16	8	2	...	...	2	...	...	...	...	78	59	19	...
C „	62	11	8	...	2	...	1	...	...	...	..	84	68	16	...
D „	50	19	9	...	...	...	...	...	...	...	...	78	65	13	...
E „	36	13	8	1	1	...	...	...	...	...	...	59	80	...	21
F „	32	2	3	...	1	...	1	...	...	1	...	40	22	18	...
G „	31	6	1	...	1	...	2	1	...	...	...	42	17	25	...
Total...	296	75	49	4	7	..	8	6	...	2	...	447	365	103	21

TABLE No. 11.

345. Water Meters in use on the 31st March 1898.

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Over 6"	Total.
A Ward ...	97	74	131	14	22	42	64	21	2	10	...	477
B „ ...	72	23	30	6	4	8	5	1	1	3	2	155
C „ ...	85	17	48	...	7	3	16	...	...	...	...	176
D „ ...	182	44	154	9	6	8	7	8	...	2	...	370
E „ ...	84	38	82	4	19	35	36	14	...	9	...	321
F „ ...	105	24	89	1	12	9	8	5	1	1	...	205
G „ ...	263	96	76	4	14	6	24	9	4	9	...	505
Total...	888	316	560	38	84	111	160	58	8	34	2	2,209

TABLE No. 12.

346. Quarterly Consumption of Water through Meters during the year 1897 (January to December).

Wards.	1st Quarter, Jan. to March.	2nd Quarter, April to June.	3rd Quarter, July to Sept.	4th Quarter, Oct. to Dec.	Total.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
A (private parties) ...	29,473,850	36,694,295	32,376,525	35,150,300	133,694,970
B „	18,047,830	23,465,230	21,117,915	21,473,845	84,104,820
C „	3,744,370	4,256,580	4,636,030	4,472,290	17,109,270
D „	18,075,955	23,273,775	14,629,575	21,775,075	77,754,380
E „	41,835,610	50,045,265	35,151,445	42,231,645	169,263,965
F „	13,346,790	16,834,995	13,135,375	12,511,610	55,828,770
G „	42,307,340	59,916,735	54,163,963	59,953,090	216,341,128
Kurla	7,240,890	6,907,330	4,358,320	4,261,990	22,768,440
Bandora	4,966,600	7,646,300	6,139,180	5,520,620	24,272,700
Government Properties...	45,511,840	48,550,475	39,633,990	45,951,270	179,647,575
Municipal „ ...	64,922,180	76,584,005	63,140,460	67,912,450	272,559,095
Total ...	289,473,165	354,174,985	288,482,778	321,214,185	1,253,345,113
Percentage ...	23·1	28·3	23·0	25·6	100·0
In 1896... Gallons ...	330,501,534	359,051,003	255,860,599	313,528,300	1,258,941,436
In 1896... Percentage ...	26·3	28·5	20·3	24·9	100·0
In 1895... Gallons ...	331,130,900	372,423,328	277,612,640	309,352,597	1,290,519,435
In 1895... Percentage ...	25·7	28·8	21·6	23·9	100·0

E.

REGULATION OF STREETS AND BUILDINGS.

	Paras.
APPLICATIONS FOR BUILDING OR REBUILDING HOUSES	347
NOTICES AND SUMMONSES ISSUED	348 to 353
BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN	354 and 355
REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, PROJECTIONS AND ENCROACHMENTS ...	356
STREET IMPROVEMENT, SET-BACKS, &c. ...	357 to 367
MUNICIPAL GROUND SOLD OR EXCHANGED	368

BUILDING APPLICATIONS.

347. The number of applications for permission to either build or rebuild houses, &c., during the year under report amounted to 1,129 or 132 less than those received during the preceding year. Of these 1,123 were passed either wholly or partially and only 6 were unconditionally disapproved on sanitary and other grounds.

NOTICES AND SUMMONSES ISSUED.

348. During the year under review, 4,635 notices were issued on house-owners under various sections of the Municipal Act, or 516 more than those issued during the previous year.

349. The following statement shows the number of notices issued and the sections of the Municipal Act under which they were issued :—

Sections of Municipal Act.	Particulars.	Number of Notices.
231	To provide rain-water eaves, gutters, and downtake pipes...	603
247	To provide privy accommodation to new buildings ...	9
257	To remove encroachment on privy, drain, house-gully, &c.	18
299	Intimation of intention to take possession of land outside buildings for street improvement	32
305	To level, metal and drain private streets and to provide lights	46
308	To remove new projections	102
309	To remove old projections	34
311	To remove or alter doors or windows opening over streets	48
329	To fence or enclose tanks, wells and dangerous places ...	3
349	To remove inflammable materials in external walls and roof coverings	976
351	To remove structures erected without Municipal approval or submitting plans for the same	245
353	To remove buildings erected contrary to provisions of the Act and Building Bye-laws	318
354	To pull down ruinous houses	456
380	Removing or altering insanitary huts or sheds ...	7
383	To cut or trim trees hanging over streets	2
426	Demolishing insanitary structures to prevent the spread of infectious diseases	6
488	Intimation of intention to enter houses after 24 hours' notice	1,710
488	Intimation of intention to enter houses after 48 hours' notice	20
	Total ...	4,635

350. Three hundred and thirty-two summonses were issued under different Sections of the Municipal Act against the house-owners who failed to comply with the notices served upon them.

351. In 223 of these cases the parties complied with the terms of the notices served upon them before the services of the summonses; in 17 cases the parties were convicted and fined; 71 cases were postponed to the year 1898-99, and in 19 cases second summonses, and in 2 third summonses were issued.

352. The amount of fine realised was Rs. 255.

353. The following statement shows the different Sections of the Act under which offenders were prosecuted and other details of the prosecutions during the year 1897-98 :—

Superintendents.	Number of Sections of the Act.	Number of Summonses issued.	Cases withdrawn as requirements were complied with, &c.	Persons convicted and fined.	Cases postponed to next year 1898-99.	No. of 2nd Summonses.	No. of 3rd Summonses.	Amount of Fines.
								Rs. a. p.
Superintendent Wards A, B, and C ...	231	9	9	...	...	...	...	.....
	247	1	1	...	...	...	...	.....
	257	3	2	...	1	...	...	.....
	308	17	14	...	3	...	...	.....
	309	2	2	...	...	...	...	.....
	311	30	29	1	...	...	...	5 0 0
	312	3	1	2	...	...	...	4 0 0
	313 (1)	9	9	...	...	...	...	.....
	305	41	...	...	41	...	...	.....
	322(a)	2	2	...	...	...	...	.....
	322 (b)	8	7	1	...	...	...	50 0 0
	322 (c)	14	12	1	1	...	...	1 0 0
	353	84	61	7	9	7	...	140 0 0
	354	4	3	...	1	...	...	.....
Superintendent Wards E and F	231	3	3	..	...	...	...	.....
	247	2	1	...	1	...	...	.....
	308	5	5	...	...	...	...	.....
	311	1	1	...	...	...	...	.....
	322 (b)	2	2	...	...	...	...	.....
	322 (c)	8	8	...	...	...	...	.....
	349	1	1	...	...	...	...	.....
	353	46	21	4	11	9	1	45 0 0
	380	1	1	...	...	...	...	.....
Superintendent Wards D and G	257	1	1	...	...	...	...	.....
	308	3	3	...	...	...	...	.....
	311	1	1	...	...	...	...	.....
	349	2	2	...	...	...	...	.....
	353	29	21	1	8	3	1	10 0 0
Total...	...	332	223	17	71	19	2	255 0 0

BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN.

354. During the year under report 27 buildings or parts thereof fell down. In 25 of these cases there was no injury to life, but in 2 cases 5 persons were injured and 1 killed.

355. The following statement gives the particulars of the houses that fell down :—

Statement of Houses which fell wholly, or partially, during the year 1897-98.

No.	Names of House-owners.	Locality.	No. of Houses.	Particulars of Structures that fell.	Date of Accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
	Ward A.				1897.			
1	Bai Jaijee, wife of Mr. Bomonjee Hormasjee Jassawalla	Cawasji Patel Street.....	110	South-west corner, where the privies were located.	23rd July	*Nil.*	*Nil.*	
2	Administrator-General for Mr. Jooseb Nur Mahomed	Borah Street.....	18	A small portion of the west wall.	15th „	„	„	
3	Buda Karumchand Marwady	Do.	19-21	The whole building.....	4th „	„	„	
4	Mrs. Ardeshir Merwanjee Sheth	Cawasji Patel Street.....	90-92	Rear portion	9th Aug.	„	„	
	Ward B.							
5	Mr. Hajee Oosman Hajee Chootani	Pydhoni Road	149-161	The whole shed	25th July	*Nil.*	*Nil.*	
6	Hassonbhoy Chimnajee...	Nagdevi Street	128-132	A portion of south external wall	15th Aug.	„	„	
7	Mr. Hajee Kassum Baladin	Mahamedkhan Pakhadi	29-31	West external wall	13th Sept.	„	„	
8	Bai Hawabai, daughter of Hajee Suleman Mahamed bin Nurmahamed...	New Bengalpura Street.	...	South-west corner room.....	5th Dec.	„	„	
	Ward C.							
9	Mr. Narotamdass Kandass	Khoja Street.....	155-157	Part of the south-east corner.	14th July	*Nil.*	*Nil.*	
10	Mr. Saccaram Sadanandjee	Kolbhat Street.....	34	Portion of the west wall	21st „	„	„	
11	Mr. Allibhoy Dawoodbhoy	2nd Pathan Street	17-21	Part of the north wall and portion of the roof.	1st Aug.	„	„	

BUILDINGS OR PARTS OF BUILDINGS WHICH FELL DOWN.

354. During the year under report 27 buildings or parts thereof fell down. In 25 of these cases there was no injury to life, but in 2 cases 5 persons were injured and 1 killed.

355. The following statement gives the particulars of the houses that fell down :—

Statement of Houses which fell wholly, or partially, during the year 1897-98.

No.	Names of House-owners.	Locality.	No. of Houses.	Particulars of Structures that fell.	Date of Accident.	Casualties.		Remarks.
						Persons killed.	Persons injured.	
	Ward A.				1897.			
1	Bai Jaijee, wife of Mr. Bomonjee Hormasjee Jassawalla	Cawasji Patel Street.....	110	South-west corner, where the privies were located.	23rd July	*Nil.*	*Nil.*	
2	Administrator-General for Mr. Jooseb Nur Mahomed	Borah Street.....	18	A small portion of the west wall.	15th „	„	„	
3	Buda Karumchand Marwady	Do.	19-21	The whole building.....	4th „	„	„	
4	Mrs. Ardeshir Merwanjee Sheth	Cawasji Patel Street.....	90-92	Rear portion	9th Aug.	„	„	
	Ward B.							
5	Mr. Hajee Oosman Hajee Chootani	Pydhoni Road	149-161	The whole shed	25th July	*Nil.*	*Nil.*	
6	Hassonbhoy Chimnajee...	Nagdevi Street	128-132	A portion of south external wall	15th Aug.	„	„	
7	Mr. Hajee Kassum Baladin	Mahamedkhan Pakhadi	29-31	West external wall	13th Sept.	„	„	
8	Bai Hawabai, daughter of Hajee Suleman Mahamed bin Nurmahamed...	New Bengalpura Street.	...	South-west corner room.....	5th Dec.	„	„	
	Ward C.							
9	Mr. Narotamdass Kandass	Khoja Street.....	155-157	Part of the south-east corner.	14th July	*Nil.*	*Nil.*	
10	Mr. Saccaram Sadanandjee	Kolbhat Street.....	34	Portion of the west wall	21st „	„	„	
11	Mr. Allibhoy Dawoodbhoy	2nd Pathan Street	17-21	Part of the north wall and portion of the roof.	1st Aug.	„	„	

REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, PROJECTIONS AND ENCROACHMENTS.

356. The following statement shows in detail the orders issued to Inspectors under various sections of the Municipal Act for the summary removal of ruinous houses, huts, objectionable constructions, doors opening outwards, projections and encroachments, with the results of such orders :—

Section of Municipal Act.	Orders issued to Inspectors.	Orders executed by Inspectors.	Orders executed by House-owners or withdrawn.	Action pending.
231	417	11	343	63
247	7	...	4	3
257	17	...	12	5
299	26	2	17	7
305	45	...	...	45
308	93	2	65	26
309	35	6	16	13
311	48	3	41	4
322	37	3	32	2
329	2	...	2	...
349	948	37	843	68
351	233	14	201	18
353	311	18	233	60
354	411	83	262	66
380	7	...	7	...
383	2	...	2	...
426	24	1	9	14
488	1,091	92	952	47
Notification under Epidemic Diseases Act Sec. 1	32	...	...	32
48 hours.	10	...	10	...
Total...	3,796	272	3,051	473

STREET IMPROVEMENTS OR SET-BACKS.

357. Street improvements or set-backs to the extent of 4,086·91 square yards were effected during the year under report as follows :—

1,555·49	square yards	in Ward	A	Rs.	55,722 11 10
582·25	"	"	B	"	33,510 4 11
613·14	"	"	C	"	16,606 7 0
1,181·32	"	"	D	"	20,237 14 5
73·71	"	"	E	"	732 11 7
81·00	"	"	F	"	405 0 0
Nil	"	"	G	"	.....
Total sq. yds. 4,086·91			Total	... Rs.	1,27,215 1 9

358. The principal additions made to the streets and the amounts paid for the land and for compensation for structures, walls, trees, &c., are given below :—

Names of Streets.	Area in Square Yards.	Area in Square Yards.	Amounts.
			Rs. a. p.
Abdul Rehman Street...	.....	39·50	4,937 8 0
Altamount Road	.....	757·17	4,241 11 5
Chakla Street...	.....	27·55	2,755 0 0
Curry Road	192·37 381·92	574·29	2,775 4 2
Dhunji Street	33·83 6·14	39·97	1,134 2 2
Duncan Road	.....	163·00	10,500 0 0
Girgaum Road	32·11 9·54 40·61 184·65	266·91	6,430 10 8
Girgaum Back Road	.....	50·90	2,383 10 5
Gola Lane	15·57 26·00	41·57	1,485 0 1
Gunbow Lane	.....	61·32	15,000 0 0
Kawasji Patel Street and Bhoiwar Lane	.....	116·00	7,000 0 0
Khetwadi Main Road...	.....	38·88	511 7 11
Kika Street	5·29 16·67	21·96	1,098 0 0
1st Marine Street	111·00 47·00 280·00 23·00	461·00	33,573 14 10
Nanabhai Lane	16·43 7·59	24·02	1,555 1 6

Continued from page 414.

Names of Streets.	Area in Square Yards.	Area in Square Yards.	Amounts.
			Rs. a. p.
Nepean Road	.....	157·73	1,025 3 11
Nishanpada Cross Street	.....	19·00	950 0 0
Obelisk Road and Doctor Street ...	.....	27·97	1,392 2 11
Old Hanuman Lane	.....	9·44	557 0 0
Police Court Lane	22·00 46·00 43·66	111·66	10,300 0 0
Samuel Street...	9·17 6·87	16·04	656 9 6
Sarang Street	10·13 13·69	23·82	714 9 6
Wodehouse Road, Colaba	.....	359·66	3,596 9 7

359. The following statement gives the particulars of land taken up for street improvement and the amount of compensation paid for it.

360. Statement showing Claims for Compensation actually paid during the Year 1897-98 for Land taken up for Street Improvement.

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
1	Mr. Nicholas De Ga and Mrs. Annie De Quadros, constituted Attornies for Mr. Michael De Lima, the Trustees of the Estate of the late Mr. A. G. De Ga	3, 5 & 6 to 18	Altamount Road ...	757·17	5 0 0	3,785 13 5	455 14 0	4,241 11 5	Including amount due to the Collector ...	21 5 8
2	Mr. Abdula Lilani	350& 352	Samuel Street ...	9·17	40 0 0	366 12 9	.....	366 12 9	Do. Fazandar	7 10 7
3	Mrs. Fazalbhai Allibhai and Gulambusen Allubbai ...	304, 306	Samuel Street ...	6·87	40 0 0	274 12 9	15 0 0	289 12 9	Do. do. ...	7 9 3
4	Messrs. Gunpatrao Vithoba, constituted Attorney for Vishvanath Balkrishna, Pradhan, and Balaji Sadanand ...	...	Old Hanuman Lane..	9·44	50 0 0	472 0 0	85 0 0	557 0 0	Do. Collector,	0 6 3
5	Mr. Miyaji Abdulhusen Miyajiwala	...	Bora Bazar Street,,,	3·75	30 0 0	112 8 0	76 4 7	188 12 7	Do. do. ...	2 9 8
6	Mr. Pestanji Sorabji Mistri ...	64	Gola Lane ,,, ...	15·57	35 0 0	514 15 2	132 8 8	677 2 10	Do. do. ...	5 13 9
7	Dhanjibhai Kikabhai Gandevia	11	Police Court Lane ...	22·00	.....	1,600 0 0	.. ...	1,600 0 0	Do. do. ...	4 6 10
8	Revd. J. W. Biscoe, Secretary, St. Peter's Girls School ...	...	Mazagon Road ...	.....	.....	.....	110 0 0	110 0 0	.....	.....
9	Hasanali Sulemanji	...	Curry Road ,,, ,,,	192·37	4 8 0	865 10 7	.....	865 10 7	(including amount due to the Collector.	1 2 9
10	Mr. Jamietram Jivanram, Constituted Attorney for Mr. Karsandas Parbhotumdas	...	Gola Lane	26·00	30 0 0	780 0 0	27 13 3	807 13 3	Do. do. ...	9 12 3
11	Mr. Govindrao Kashinath ...	117-119	Fanaswadi	13·33	15 0 0	199 15 2	.....	199 15 2	Do. do. ...	1 9 0
12	Messrs. Dwarkadas Lallubhai, Chagandas Jivandas and Vithaldas Parmanandas, Surviving Trustees of the Hindu Temple Property	...	Kika Street	5·29	50 0 0	264 8 0	.....	264 8 0	Do. do. ...	3 10 4
13	Bai Zeenutbai, widow of the late Mr. Surti Mahamed Husen Mahamad Juma ...	...	Mustan Tank Road...	13·61	7 0 0	95 4 3	.....	95 4 3	Do. do. ...	9 6 0

14	Mr. Vithoba Madhawrao ...	...	Girgaum Road ...	32·11	20	0	0	642	3	2	28 14 10	671	2	0	Do. do. ...	4	13	1
15	Mr. Hormusji Maneckji Mehta, Administrator of the Estates of the late Bai Avabai, wife of Mr. Maneckji Bomanji Mehta.	...	Haines Road ...	3·38	10	0	0	33	12	9	.....	33	12	9	Including amount due to the Collector	0	0	5
16	Mr. Karimbax Ajmeri, constituted Attorney for Ilahibax Ajmeri	5	Mustan Tank Road...	6·62	7	0	0	46	5	5	131 13 7	178	3	0	Do. do. ...	5	1	3
17	Bai Rabiabai, widow of the late Mr. Haji Hasam Haji Ayub...	...	Tandel Street ...	12·08	10	0	0	120	12	9	.....	120	12	9	Do. Fazandar	23	1	7
18	Mr. Haji Isub Mahamad Suleman, Constituted Attorney for Bai Hafisbai, widow of Ajam Husen	...	Nagderi Road ...	5·37	60	0	0	322	3	2	.....	322	3	2	.....	...		
19	Mr. Haji Ahmed Hasam... ...	...	Ghorupdeo Road ...	55·94	5	0	0	279	11	2	.....	279	11	2	.....	...		
20	Messrs. Hormasji Rustomji and Dinshaw D. Patel, Constituted Attorneys for Sir Jehangir Kavasji Jehangir, Kt., Mr. Dadabhai Dinshaw Ghandhi...	...	Nepean Road ...	157·73	6	8	0	1,025	3	11	.....	1,025	3	11	Including amount due to the Collector	0	0	3
21	Mr. Merwanji Manekji Kapadia.	...	Bora Bazar Street ...	2·32	30	0	0	69	9	7	.....	69	9	7	Do. do. ...	1	9	0
22	Mr. Pestanji Framji Shroff ...	3 & 5	Police Court Lane ...	46·00	.....			4,200	0	0	.....	4,200	0	0	Do. do. ...	7	4	3
23	Mr. Musa Haji Husen Masalawala	...	Abdul Rehman Street	29·50	125	0	0	4,937	8	0	.....	4,937	8	0	Do. Fazandar	34	12	6
24	Messrs. Pranjivandas Liladhar and Vithaldas Narotumdas ...	...	Kika Street	16·67	50	0	0	833	8	0	.....	833	8	0	Do. Collector.	11	7	4
25	Mr. Krishnarao Ramchandra ...	...	Khetwadi Main Road	38·88	12	0	0	466	8	11	44 15 0	511	7	11	Do. do. ...	0	12	6
26	Bai Aimai, widow of Mr. Dhanjibhai Kharsetji Ghadialli	89	Kavasji Patel Street and Bhoiwar Lane,	116·09	.....			7,000	0	0	.....	7,000	0	0	Do. do. ...	167	3	0
27	Mr. Pestanji Framji	...	Nanabhai Lane ...	16·48	.....			828	9	7	710 0 0	1,038	9	7	Do. do. ...	11	5	3
28	Mr. Haji Hafid Haji Jaffer ...	271 to 275	Chakla Street ...	27·55	100	0	0	2,755	0	0	.....	2,755	0	0	Do. do. ...	19	0	2
29	Mr. Hormasji Kavasji Dabu ...	...	Girgaum Road ...	9·54	20	0	0	190	12	9	87 14 4	278	11	1	Do. do. ...	1	15	3
30	Mr. Dorabji Mancherji Affinwalla	...	Nanabhai Lane ...	7·59	20	0	0	151	12	9	364 11 2	516	7	11	Do. do. ...	0	4	2
31	Mr. Nanu Narayen Kothare ...	...	Girgaum Road ...	40·61	25	0	0	1,015	4	0	200 0 0	1,215	4	0	Do. do ...	5	1	3
32	Mr. Meghji Murji	...	Nishanpada Cross St.	19·00	50	0	0	950	0	0	.....	950	0	0	Do. Fazandar.	18	8	5
33	Mr. S. Abraham, Constituted Attorney for Messrs. Jacob Elias Sassoon, Edward Elias Sassoon, and Mayor Elias Sassoon ...	19 & 31	Curry Road ...	381·92	5	0	0	1,909	9	7	.....	1,909	9	7	Do. Collector.	49	11	10
		...	Carried over ... Rs.	2,109·81	.....			36,640	11	7	2,470 8 5	39,111	4	0	.....	437	6	3

Statement showing Claims for Compensation actually paid for Land taken up for Street Improvement—*continued.*

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls, or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
			Brought forward...	2,109·81	Rs. a. p.	Rs. a. p. 36,640 11 7	Rs. a. p. 2,470 8 5	Rs. a. p. 39,111 4 0		Rs. a. p. 437 6 3
34	Revd. William George Peel, Attorney to the Church Missionary Trust Association	...	Dhanji Street ...	33·83	8 0 0	270 10 2	.....	270 10 2	Including amount due to the Collector.	0 2 1
35	Messrs. Harichand Krishna Joshi and Moroba Balji, the surviving executors of the last will and testament of Dr. Moreshwar Janardhan	...	Agiary Street ...	9·93	25 0 0	248 4 0	.....	248 4 0	Do. do. ...	0 12 6
36	Mr. Kavasji Shapurji Metha ...	...	Gunbow Lane ...	61·32	.....	15,000 0 0	.....	15,000 0 0	Do. do. ...	42 3 0
37	Bai Dhanbaiji, Bai Jerbai, Bai Kuverbai and Bai Shirinbai, surviving Heiress of the late Mr. Maneckji Nasservanji Kapadia	...	Police Court Lane ...	43·66	.....	4,500 0 0	.....	4,500 0 0	Do. do. ...	20 5 0
38	Mr. Haji Abdula Haji Ibrahim...	...	Sarang Street ...	10·13	30 0 0	303 14 4	.....	303 14 4	Do. do. ...	6 12 1
39	Maneckchand Kapurchand ...	...	Dhanji Street ...	6·14	25 0 0	153 8 0	710 0 0	863 8 0	Do. Fazandar	5 1 7
40	Jagannath Sunderrao	677	Girgaum Road ...	184·65	20 0 0	3,693 0 0	572 9 7	4,265 9 7	Do. Collector.	17 9 3
41	Mr. Haji Vazirbhai Thaverbhai.	635& 637	Dongri Street ...	6·16	40 0 0	277 3 2	.....	277 3 2	Do. Fazandar	6 11 5
42	Mr. Limjibhai Maneckji Parekh for self and as Constituted Attorney for Bai Pirojbai Hormasji Homiar, widow of Maneckji Shapurji Parekh, and Hormasji N. Daruvala, executors of the will of the late Mr. Pestonji H. Homiar ...	...	Girgaum Back Road..	50·90	20 0 0	1,018 0 0	1,365 10 5	2,383 10 5	Do. Collector	3 6 2
43	Mr. Abdulali Heptula Chitharia.	...	Sarang Street ...	13·69	30 0 0	410 11 2	.....	410 11 2	Do. Fazandar	15 9 9
44	Departmental works, roads and buildings, filling Babula Tank in March and April 1897 ...	...	.....	.....	.....	.....	42 4 4	42 4 4	.....	.....
45	The Collector of Bombay ...	...	Wodehouse Road, Colaba ...	359·66	10 0 0	3,596 9 7	.....	3,596 9 7	.....	.....
46	Bai Begambibi, wife of Shaik Aujij Mula bin Khanu Mula...	...	Obelisk Road and Doctor Street.	27·97	25 0 0	699 4 0	692 14 11	1,392 2 11	Including amount due to the Collector.	20 13 4

47	Departmental Works, Roads and Buildings, on account of filling in Babula Tank	...	.....	...	.....	.....		14 14 0	14 14 0	.....	.....
48	The Collector of Bombay, Capitalized value of land taken from the property of Sorabji Dosabhai Framroze	...	Dadar Road ..	.....	.....	2 13 10		.....	2 13 10	.....	.....
49	The Collector of Bombay, Capitalized value for land taken from the property of Mr. Alibhai Kelmali Surji	...	Junction of Chinch Bunder Road and Samuel Street ...	.....	.....	6 4 0		.....	6 4 0	.....	.....
50	The Collector of Bombay, Capitalized value for land taken from the property of Mr. Merjibhai Rastamji Kharas ...	...	Carpenter Street ...	.....	.....	193 14 1		.....	193 14 1	.....	.....
51	The Collector of Bombay, Capitalized value of land taken up from the property of Mr. Chintoba Govindji	...	Parel Village Road...	.....	.....	27 1 4		.....	27 1 4	.....	.....
52	Fazandari rental for land taken up from the property of Mr. Abdolali Heptula Chitharia...	...	Sarang Street ...	.....	.....	15 9 9		.....	15 9 9	.....	.....
53	The Collector of Bombay for Mr. Sorabji Jamsedji Batlivala ...	...	1st Marine Street ...	111·00 with Building	.....	15,683 14 10		.....	15,683 14 10	.....	.....
54	The Collector of Bombay for Bai Hirabai widow of Jamsedji Hormusji Limbuwala ...	...	1st Marine Street ...	47·00 280·00 with Building thereon	40 0 0	1,880 0 0		320 0 0	2,200 0 0	.....	.....
55	The Collector of Bombay for Mr. Vinayek Moroba	...	1st Marine Street ...	.....	.....	15,000 0 0		.....	15,000 0 0	.....	.....
56	The Collector of Bombay for Bai Merbai widow of Cooverji Kavasji Camadevala	...	1st Marine Street	28·00	30 0 0	690 0 0		.....	690 0 0	.....	.....
57	The Collector of Bombay for Capitalized value of land taken from the property of Mr. Vinayek Moroba	...	1st Marine Street ...	.. ...	... ..	40 5 10		.....	40 5 10	.....	.....
58	The Collector of Bombay for Mr. Kara Lalji...	245 & 247	Duncan Road ...	168·00	.....	10,500 0 0		.....	10,500 0 0	.....	.....
			Total	8,541·85	.....	1,10,851 11 8		6,188 13 8	1,17,040 9 4	.....	576 12 5

361. **Statement showing the Claims for Compensation for Land taken up for Street Improvement but not paid for during the year 1897-98.**

No.	Names.	No. of Houses.	Locality.	Area in square Yards.	Rate per square Yard.	Amount.	Compensation for plinths, foundations, walls or trees, if any, and contingencies.	Total.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Sha Rupa Raja	...	Sion Road ...	92·16	1 0 0	92 2 6	27 4 8	119 7 2	Including amount due to the Collector..	5 15 10
2	Messrs. Harkisandas Narotamdas and Bhagvandas Narotamdas	...	Manordas Street	5·61	30 0 0	168 4 9	.....	168 4 9	Do. do. ...	3 14 6
3	Mr. Nazmudin Jivakhan and his wife Bai Husenabu	...	Corner of Gapti Road and Sukhlaji Street ...	2·85	15 0 0	42 12 0	.....	42 12 0	Do. do. ...	1 11 1
4	Messrs. Poma Nina, Goma Kering and Rupa Prema, Trustees for and on behalf of the Polewar Marwadi community	...	Gamal Street, Lower Colaba..	88·00	10 0 0	880 0 0	.....	880 0 0	Do. Fazandar	400 0 0
5	Mr. Ladhabhai Ibrahim	...	Nisbanpada Road	14·47	35 0 0	506 7 2	.....	506 7 2	Do. do. ...	10 8 2
6	Bai Sitabai, wife of Mr. Ramchandra Raghoba Kashikar ...	...	Girgaum Road ...	1·37	20 0 0	27 6 4	46 0 0	73 6 4	Do. Collector	0 0 4
7	Mr. Kayamali Tayabali	...	Kamathipura Bazar Road ...	6·94	12 0 0	83 4 5	.....	83 4 5	Do. do. ...	4 13 1
8	Bai Dayacore, widow of the late Mr. Murarbhai Vizbhukhandas and Mr. Raghavji Khimji. Agent, Jam Manufacturing Co., Limited	...	Suparibag Road	17·24	12 8 0	215 8 0	60 0 0	275 8 0	Do. do. ...	2 3 5

9	Bai Husenabu, daughter of Mr. Badrudin Hyderali	...	Sarang Street ...	2·81	30 0 0	84 4 9	112 0 0	196 4 9	Do. Fazandar	2 2 7
10	Mr. Habibax Ajmeri	...	Dhanji Street ...	11·00	10 0 0	110 0 0	.....	110 0 0	Do. Collector	0 2 1
11	Bai Kashibai, widow of Gopal Krishna Paranjpe	...	Girgaum Road...	1·33	20 0 0	26 9 7	46 0 0	72 9 7	.....	.....
12	Bai Sitabai, widow of Dwarkanath Apaji	...	Do.	6·87	20 0 0	137 6 4	201 0 0	338 6 4	Including the amount due to the Collector..	1 0 10
13	Mr. Dadabhai Pestanji Mistri ...	...	Gola Lane ...	11·68	35 0 0	408 12 9	131 14 1	540 10 10	Do. do. ...	4 6 10
14	Mr. Bechardas Murlidhar	...	Girgaum Road..	33·46	20 0 0	669 3 2	192 5 11	861 9 1	Do. do. ...	5 3 4
15	Mrs. Flora S. D. Sassoon, Trustee of the Jewish Cemetery	...	Grant Road .	178·80	15 0 0	2,682 0 0	322 5 3	3,004 5 3	.....	.. ...
16	Mr. Harichandra Trimbak ...	...	Old Sonapur Lane	20·09	10 0 0	200 14 4	.....	200 14 4	.....	.....
17	Mr. Lalji Mowji	...	2nd Panjrapole Lane	7·86	16 0 0	125 12 1	126 4 7	252 0 8	.....	.....
18	Mr. Allarakhia Ebalubhai ...	...	Dongri Street ..	7·36	45 0 0	331 3 2	.....	331 3 2	Including amount due to the Fazandar.	8 9 2
			Total ..	599·90	.....	6,791 15 4	1,265 2 6	8,057 1 10		450 11 3

362. The amount allowed for street improvement for the year 1897-98 was Rs. 1,00,000, which, together with the amount of the grant which lapsed at the close of the year 1896-97 and was renewed in 1897-98 (Rs. 5,132-13-8), made up a sum of Rs. 1,05,132-13-8 available during 1897-98 for street improvement.

363. The whole of this amount has actually been paid during the year.

364. In addition to this amount a sum of Rs. 10,500 was paid out of the surplus cash balance for the purchase, under the Land Acquisition Act, of house Nos. 245-247 in Duncan Road, owned by Mr. Kara Lalji, for the extension of Khara Tank Street from Khoja Street to Duncan Road.

365. The actual total amount paid during the year for street improvement thus amounted to Rs. 1,15,632-13-8.

366. The following statements give details of ground taken up and added to streets in each Ward during the year under report :—

GROUND ADDED TO STREETS IN WARD A.

367. Statement showing the Ground taken up and actually added to Streets during the year 1897-98.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Augusto W. Pinto ...	8-10	Gun Carriage Street.	20·81	10 0 0	...	208 1 7		...
2	Collector of Bombay ...	...	Wodehouse Road and Colaba Road Junction.	359·67	10 0 0	10 0 0	3,596 11 2		...
3	Mr. Soloman Sala Sassoon.	11	Ropewalk Lane ...	13·35	60 0 0	60 0 0	801 0 0 350 0 0	Compensation for old wall.	4 15 2
4	Mr. Jamsetji Framji Kathoke.	80-82	Parsee Bazar Street...	19·69	30 0 0	30 0 0	590 11 2		16 0 3
5	Mr. Anandrao Vinayek for Permanandas Jivandas.	167-169	Modi Street	14·71	25 0 0	...	367 12 0		...
	Mr. Jamasji Rutanji Mistri and Bai Navazbai Fakirji Rutanji Mistri.	41-43	Kavasji Patel Street.	5·99	35 0 0	...	209 10 5		...
7	Mr. Pestanji Framji Darji.	14	Nanabhai Lane ...	17·89	20 0 0	20 0 0	1,038 9 7	Including compensation for structure, Rs. 710.	11 5 3
	Sir Dinshaw Manekji Petit.	10-12	Do.	32·50	20 0 0	20 0 0	650 0 0		22 6 2
9	Mr. Bamanji Nowroji ...	80-82	Modi Street	3·75	25 0 0	...	93 12 0		...
			Carried forward...	488·26			7,906 3 11		54 10 10

Ground added to Streets in Ward A—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p	Rs. a. p.		Rs. a. p.
			Brought over...	488·36			7,906 3 11		54 10 10
10	Mr. Dhanjibhai Kikabhai.	1-10	Police Court Lane ...	22·00	...	...	1,600 0 0		4 6 10
11	Mr. Pestanji Framji Shroff.	3-5	Do. ...	46·00	...	...	4,200 0 0		7 4 8
12	Bai Dhanbai Manekji Kapadia.	7-12	Do. ...	43·66	...	...	4,500 0 0		20 5 0
13	Mr. Kavasji Shapurji Mehta.	94-104	Gunbow Street ..	551·88	...	...	15,000 0 0		42 3 0
14	Bai Aimai, wife of Dhunjibhai Kharsedji Ghadialli.	89-2	Junction of Kavasji Patel Street and Bhoiwar Lane.	116·00	...	...	7,000 0 0		167 3 0
15	Mr. Dorabji Muncherji Affinvala.	10	Nanabhai Lane ...	7·59	20 0 0	20 0 0	516 7 11	Including compensation for structure, Rs. 364-11-2.	0 4 2
16	Mr. Vinayek Moroba ...	85-105	1st Marine Street ...	280·00	...	...	15,000 0 0		...
			Total ...	1555·49			55,722 11 10		296 5 6

Ground added to Streets in Ward B.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered	Rate accepted	Amount in C nding Collector or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Jafferbhai Rahimtula.	182-188	Nishanpada Road ...	1·66	15 0 0	.....	24 14 4		...
2	Mr. Megji Murji	19-21	Do. Cross Street.	19·01	50 0 0	50 0 0	950 8 0		...
3	Bai Rahimabai, daughter of Bai Alimabu, widow of Asma Alli Khan.	...	Jakeria Musjid Street.	4·12	30 0 0	.....	123 9 7		...
4	Mr. Hasumbhai Vishram...	229-231	Junction of Samuel Street and Pydhoni Road.	84·93	100 0 0	100 0 0	8,493 0 0		...
5	Bai Hallimabai, widow of Mistri Haji Husen.	...	New Bengalpura Street.	53·88	30 0 0	30 0 0	1,616 6 6		...
							1,620 0 0	Comrensation for structure	
6	Mr. Haji Tarmahamad Haji Abdul Latiff.	21	Bengalpura Street ...	86·97	30 0 0	30 0 0	2,609 1 7		90 1 6
							665 0 0	Compensation for structure.	
7	Mr. Lalji Somji... ...	46-50	New Bengalpura Street.	130 28	36 0 0	.....	4,690 1 3		85 9 9
8	Mr. Gangji Poonja ...	190-194	Nishanpada Road ...	3·98	30 0 0	.....	119 6 4		
							7 0 0	Compensation for steps.	...
9	Mr. Mowji Nurmahamad..	196 200	Do.	27·03	30 0 0	.....	810 14 4		...
10	Mr. Haji Isackchand ...	55-57	Nagdevi Street ...	2·50	40 0 0	.....	100 0 0		...
11	Mr. Ranchordas Vandravandas.	214	Dongri Street ...	22·19	90 0 0	90 0 0	1,997 1 7		...
12	Bai Mancooverbai, widow of Manchand Nana.	122-124	Musjid Bunder Road.	13·76	75 0 0	75 0 0	1,032 0 0		0 4 2
13	Mr. Jivraj Ladha... ...	262-268	Do. ...	99·25	75 0 0	.....	7,443 12 0		...
14	Mr. Hirjibhai Alarakhia...	...	3rd Dontar Cross Lane.	52·09	10 0 0	40 0 0	1,307 9 7		...
			Total ...	582·25			33,510 4 11		175 15 5

Ground added to Streets in Ward C.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Govindrao Kashinath.	.....	Fanaswadi.....	13·33	15 0 0	15 0 0	199 15 2	.....	1 9 0
2	Mr. Tayabali Karimji .	.....	Girgaum Road	9·00	36 0 0	.....	324 0 0		...
3	Mr. Maneckchand Kapurchand.	.....	Dhanji Street	6·14	25 0 0	25 0 0	153 8 0		5 1 7
							710 0 0	Compensation for structure.	
4	Mr. Harjivan Virji ...	.....	Kalkadevi Road	20·85	70 0 0	.....	1,459 8 0		2 1 4
5	Mr. Nanabhai Sadanand...	.....	Lohar Street	12·17	30 0 0	.....	365 1 7		...
6	Mr. Bamanjee Jejibhai ...	.....	Vanka Mohlla	3·55	10 0 0	10 0 0	35 8 0		0 8 4
7	Mr. Anand ao Vinayek, surviving Executor of the Will of the late Mr. Permanandas Jivandas.	.....	New Hanuman Street.	21·56	35 0 0	.....	754 9 7		...
8	Mr. Nanu Narayen Kothare.	.....	Girgaum Road	40·61	25 0 0	25 0 0	1,015 4 0		5 1 3
							200 0 0	Compensation for foundation and tree.	
9	Bai Keserbai, widow of Pranlal Mulchand.	.....	Thakurdwar Road .	45·88	15 0 0	.....	688 3 2		...
							201 8 9	Compensation for structure.	
10	Mr. Ratansi Damodar ...	.....	Fanaswadi.....	7·58	15 0 0	.....	113 11 2		...
							75 12 2	Compensation for structure.	
11	Mr. Ratansi Damodar ...	.....	Do.	7·46	15 0 0	.....	111 14 5	.....	...
12	Bai Bachubai, widow of Dosabhai Darasha.	.....	Girgaum Road	42·14	15 0 0	40 0 0	1,685 0 7	.....	3 8 3
			Carried forward ...	230·27			8,094 2 7		17 13 9

Ground added to Streets in Ward C—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
			Brought over...	230·27	Rs. a. p.	Rs. a. p.	Rs a. p. 8,094 2 7		Rs. a. p. 17 13 9
13	Mr. Raghunath Tarachand.	.....	Cavel Street	69·95	15 0 0	.....	1,049 4 0	.....	.....
14	Mr. Kalianji Lakhmidas...	63	2nd Patan Street.....	1·68	4 0 0	.....	6 11 6	.....	.....
15	Messrs. Pranjivandas Liladhar and Vithaldas Narotamdas.	187-189	Kika Street	16·67	50 0 0	50 0 0	833 8 0	.....	11 7 4
16	Mrs. Flora Salmon Sassoon.	.....	Grant Road	178·80	15 0 0	15 0 0	2,682 0 0		.....
							322 5 3	Compensation for foundation, &c.	
17	Mr. Mistri Issak Junas ...	.....	1st Patan Street	6·67	4 0 0	.....	26 10 10	.....	.....
18	Mr. Manmohandas Kasidas.	.....	Panjrapole Road	37·52	16 0 0	16 0 0	600 5 1		.....
							100 0 0	Compensation for structure.	
19	Mr. Haji Mahamad Haji Ismail.	127-129	Northbrook Street ...	7·17	6 0 0	.....	43 0 3	.....	.....
20	Mr. Tajbhai Musaji ...	152	Doctor Street	0·72	10 0 0	.....	7 3 2	.....	.....
21	Mr. Fakir Gunu Kule ...	117	Kumbharwada	9·01	4 0 0	4 0 0	36 0 7	.....	.....
22	Mr. Manmohandas Kasidas.	.....	1st Panjrapole Street.	20·99	20 0 0	20 0 0	419 12 9		.....
							701 0 0	Compensation for structure.	
23	Mr. Fazel Peer Mahamad.	128	Kika Street	33·69	50 0 0	50 0 0	1,684 8 0	.....	.....
			Total.....	613·14			16,606 7 0		29 5 1

Ground added to Streets in Ward D.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Vithoba Madhavrao..	...	Girgaum Road ...	32·11	15 0 0	20 0 0	642 3 2		4 13 1
							28 14 10	Compensation for old otla.	
2	Mr. Krishnarao Ramchandra.	...	Khetwadi Main Road	38·88	.....	12 0 0	466 8 11		0 12 6
							44 15 0	Compensation for wall.	
3	Mr. Hormasji Kavasji Dabu	...	Girgaum Road ...	9·54	.....	20 0 0	190 12 9		1 15 3
							87 14 4	Compensation for structure.	
4	Revd. Mr. William George Peel, Attorney to the Church Missionary Trust Association.	...	Dhanji Street ...	33·83	.....	8 0 0	270 10 2		0 2 1
5	Mr. Jagannath Sunderrao.	...	Girgaum Road ...	184·65	.....	20 0 0	3,693 0 0		17 9 3
							572 9 7	Compensation for compound wall,&c	
6	Mr. Limjibhai Maneckji Parekh, for Bai Pirojbai Hormusji Homiar, widow of Maneckji Shapurji Parekh and Messrs. Limjibhai Maneckji Parekh and Hormusji Nasservanji Daruvala, Executors of the Will of the late Mr. Pestonji Hormusji Homiar.	...	Do.	50·90	.....	20 0 0	1,018 0 0		3 6 2
							1,365 10 5	Compensation for structure.	
			Carried forward...	349·91			8,381 3 2		28 10 4

Ground added to Streets in Ward D—*continued*.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazindar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over ...	349·91			8,381 3 2		28 10 4
7	Shri Rukhmini Maharaj, widow of the late Shri Jivanlal Maharaj.	...	Girgaum Road ...	10·31	20 0 0	.....	206 3 2		...
							13 5 7	Compensation for otla and tree.	
8	Mr. Moreshwar Damodar.	...	Do.	61·36	20 0 0	.....	1,227 3 2		...
							174 14 3	Compensation for gate-ways, trees, &c.	
9	Mr. Bhasker Trimbak ...	...	Do.	31·72	.....	20 0 0	634 6 5		...
							192 5 11	Compensation for foundation, gate-ways, trees, &c.	
10	Mr. Jehangirji Bezonji Vakil.	...	Do.	36·33	.....	20 0 0	726 9 7		...
							113 4 1	Compensation for foundation, otla, &c.	0 0 4
11	Bai Sitabai, wife of Ramchandra Raghoba Kasbikar.	...	Do.	1·37	.....	20 0 0	27 6 4		...
							46 0 0	Compensation for steps.	
12	Mr. Bhasker Trimbak ...	...	Kandewadi	23·50	.....	20 0 0	470 0 0		...
							164 9 5	Compensation for wall, trees, &c.	
13	Mr. Pestonji Dinshaw Ghasvala.	...	Khetwadi 12th Cross Lane.	9·33	.....	7 0 0	65 5 0		...
							152 0 0		
14	Mr. Krishnarao Gunpat Naik.	...	Girgaum Road ...	50·83	.....	20 0 0	1,016 9 7		...
							420 2 8	Compensation for wall, &c.	
15	Mr. Balkrishna Kashinath Shet.	...	Do.	3·01	20 0 0	.....	60 3 2		...
							63 6 7	Compensation for steps, pipes, &c.	1 0 8
16	Mr. Bhasker Narayen Shet.	...	Do.	3·01	20 0 0	.....	60 3 2		...
							63 6 7	Compensation for steps, pipes, &c.	
			Carried forward ...	580·68			14,278 11 10		29 11 4

Ground added to Streets in Ward D—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over ...	580·68			14,278 11 10		29 11 4
17	Mr. Ganpatrao Chintaman Chapvala.	...	Girgaum Road ...	7·92	20 0 0	.....	158 6 4		...
							41 3 8	Compensation for old structure.	
18	Bai Sitabai, widow of Dwarkanath Apaji.	...	Do.	6·87	.....	20 0 0	137 6 4		1 0 10
							201 0 0	Compensation for structure.	
19	Mr. Krishnarao Balvant Waghle.	...	Kandewadi	69·41	10 0 0	.....	694 1 7		...
20	Mr. Trimbak Bhasker Acharia.	...	Do.	23·50	.....	20 0 0	470 0 0		...
21	Bai Gangabai, wife of Kashinath Moroba Mantri.	...	Do.	26·26	10 0 0	.....	262 9 7		...
22	Mr. Ilahibax Ajmeri ...	...	Dhanji Street ..	11·00	.....	10 0 0	110 0 0		0 2 1
23	Bai Kashibai, widow of Gopal Krishna Paranjpay	...	Girgaum Road ...	1·33	.....	20 0 0	26 9 7		...
							46 0 0	Compensation for steps.	
24	Mr. Haji Abdula Haji Ibrahim.	...	Night Soil Depôt Lane.	195·61	8 0 0	.....	1,564 14 0		...
25	Mr. Karimbax Ali	...	Khetwadi 4th Lane...	5·05	8 0 0	.....	40 6 4		...
				3·89			31 1 11		
26	Mr. Maneckji Edulji Contractor.	...	Dhanji Street. ...	42·00	10 0 0	.....	420 0 0		...
27	Mr. N. D. Bhadda ...	...	Do. ...	13·67	10 0 0	.....	136 11 2		...
			Carried over	987·19			18,619 2 4		30 14 3

Ground added to Streets in Ward D—*continued.*

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered	Rate accepted.	Amount including Cellector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
			Brought over ...	987·19			18,619 2 4		30 14 3
28	Mr. Krishnarao M. Kothare and Bai Radhabai, widow of Atmaram Ramchandraji	.....	Girgaum Road ...	6·11	.....	20 0 0	122 3 2 229 0 0	Compensation for otla and steps.	1 0 7
29	Mr. Mulji Damodhar ...	.....	Walkeshwar Road ...	1·51	8 0 0	8 0 0	12 1 3		...
30	Mr. Damodhar Tapidas ...	.....	Do.	11·49	8 0 0	8 0 0	91 14 8		...
31	Mr. Damodhar Tapidas ...	.....	Ridge Road	9·22	8 0 0	8 0 0	73 12 2		...
32	Mr. Mulji Bhavanidas Barbhaya.	.....	Do.	8·07	8 0 0	8 0 0	64 8 11		...
33	Sir Jehangir Kavasji Jehangir Ready Money, Kt.	.....	Nepean Road ...	157·73	6 8 0	6 8 0	1,025 3 11		0 0 3
			Total ...	1181·32			20,237 14 5		31 15 1

Ground added to Streets in Ward E.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Felix Leao	23	Mahtarpakadi ...	19·06	5 0 0	5 0 0	95 4 9		
							31 11 0	Compensation for wooden railing.	12 15 7
2	Mr. Shaik Ahmad bin Mahamad Dalvi.	92-94	Huzria Street ...	8·75	7 0 0	.....	61 4 0		...
3	Mr. Alladin Jivanji ...	562-582	Duncan Road ...	22·77	15 0 0	15 0 0	341 8 9		...
4	Mr. Haji Abdul Satar Haji Umar.	...	Tank Street	2·04	7 0 0	.....	14 4 6		...
5	Mr. Haji Ibrahim Haji Mahamad.	138-142	Huzria Street ...	5·61	7 0 0	.....	39 4 4		...
6	Mr. Amirali Mahamad Memon.	22-24	Shaik Buran Camadin Street.	5·30	10 0 0	.....	53 0 0		...
7	Bai Sayamma, widow of Sayadu Potaji.	...	Kamathipura 6th Street	0·94	10 0 0	.....	9 6 4		...
8	Mr. Gulamhusein Mahamad Alli.	95-97	Bapty Road	7·44	10 0 0	.....	74 6 4		...
9	Mr. Shaik Dadumia Shaik Bundakey.	104-108	Undria Street ...	1·80	7 0 0	.....	12 9 7		...
			Total ...	72·71			732 11 7		12 15 7

Ground added to Streets in Ward F.

Consecutive Nos.	Names of Owners.	House No.	Locality.	Area in square yards.	Rate offered.	Rate accepted.	Amount including Collector's or Fazandar's dues.	Remarks.	Amount due to the Collector or Fazandar.
					Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
1	Mr. Ebji Umarsy... ...	...	Curry Road ...	81·00	5 0 0	.....	405 0 0		...
			Total ...	81·00			405 0 0		

No ground was added to Streets in Ward G during the year.

MUNICIPAL GROUND SOLD OR EXCHANGED.

368. The following statement shows the pieces of ground belonging to the Corporation, sold to private parties and the values of which were paid for during the year 1897-98 :—

Nos.	Names of Purchasers.	Locality.	Area in square yards.	Rate per square yard.	Amount.	Sanction from			
						Commissioner.		Corporation.	
						Letter No.	Date.	Reso. No.	Date.
				Rs. a. p.	Rs. a. p.				
1	Mr. Gulam Mobidin bin Fakrudin Mukri, Manager of the Mosque.....	Khandia Tank Street.....	228·95	10 0 0	2,289 8 0	9876	21st Aug. 1896		
2	Mr. Merwanji Jehangir Tarachand..	Mint Road	59·56	33 0 0	1,965 7 9	12970 13874 5088	7th Oct. 1896 .. 19th Oct. 1896.. 2nd June 1897..	3104	28th June 1897.
3	Bai Avabai, widow of Dhanjibhai Ratanji Screwvala and Bai Bachubai.	Do.	39·83	33 0 0	1,314 6 2	Do.	Do.	Do.	Do.
4	Do Do	Do.	39·83	33 0 0	1,314 6 2	Do.	Do.	Do.	Do.
5	Mr. Bezonji Motabhai Mobedjina ...	Do.	50·81	33 0 0	1,676 11 8	Do.	Do.	Do.	Do.
6	Bai Dinbai Nasservanji Petit ...	Do.	73·77	33 0 0	2,434 6 6	Do.	Do.	Do.	Do.
7	Mr. A. H. Chinoy.....	Do.	60·00	33 0 0	1,980 0 0	Do.	Do.	Do.	Do.
8	Mr. Parbhudas Jivandas.....	Do.	188·70	33 0 0	6,227 1 7	Do.	Do.	Do.	Do.
9	Mr. Nazmudin Tayabji	Do.	66·09	33 0 0	2,180 15 6	Do.	Do.	Do.	Do.
10	Messrs. Heptula Esufali and Taherali Esufali.....	Do.	113¾	33 0 0	3,751 0 0	Do.	Do.	Do.	Do.

Note—No land was exchanged during the year 1897-98.

F

ROADS, FOOT-PATHS, &c.

REPAIRS AND MAINTENANCE :—

	Paras.
Road repairs	369 to 373
Road Watering	374 to 377
Road Metal	378
Private Streets	379
Steam Rollers	380
Footpaths	381
TRAMWAYS	382 and 383

Road Repairs.

369. In my draft budget for the year 1897-98, a sum of Rs. 15,000 was inserted in excess of the usual grant, as it was thought that that additional sum would be required to carry out efficiently the repairs to the City roads. It was not possible, however, for the Municipal Commissioner, at the time of finally completing the budget, to grant the whole of the above sum, and only a sum of Rs. 2,589 was allowed, thus increasing the grant for road repairs and maintenance to Rs. 3,40,000.

370. Endeavours were made to keep the expenditure during the year within the sanctioned grant, but it was not found possible to do so, as during that year, the wages of workmen had considerably increased owing to the scarcity of labour in the City, on account of the plague. An increase had also to be made to the daily wages of the labourers, &c., on account of dearness of grain. An application was therefore made to the Corporation, and a supplementary grant of Rs. 16,500 was sanctioned by them under their Resolution No. 12655 of the 28th March 1898.

371. I deem it necessary to observe, however, that notwithstanding this extra grant, it has not been practicable to keep the roads in a satisfactory condition. A large number of extensive roads made by the

Port Trustees have been transferred to the Municipality for maintenance, under section 37 of the Port Trust Act, and several large roads have been added to the City roads by the Municipality itself. Unless, therefore, additional grants are made by the Corporation in future years, the unsatisfactory condition of the roads will continue. The following is a list of new roads which have been made over by the Port Trustees to the Municipality and constructed by the Municipality itself since the year 1893 :—

Consecutive Nos.	NAMES OF ROADS.
	Roads which have been made over by the Port Trustees to the Municipality.
1	Merewether Road.
2	Ormiston Road.
3	A cross road (from Middle Colaba Road to Sea-shore, South of Sassoon Dock).
4	Mandlik Road.
5	Nowroji Furdunji Road.
6	Tulloch Road.
7	A cross road (from Middle Colaba Road to Sea-shore, South of Sassoon Dock).
8	A cross road (running South from the middle of the above road.)
9	A cross road (from Colaba Causeway to Merewether Road).
10	Reay Road.
11	Tank Bunder Road.
12	Victoria Road Extension.
13	Connaught Road Extension.
14	Connaught Cross Road.
15	Main Road (near Jakaria Bunder and Ismail Habib Bunder, Sivri).
16	Cross Road No. 1 do. do. do.
17	Cross Road No. 2 do. do. do.
18	Cross Road No. 3 do. do. do.
19	Cross Road No. 4 do. do. do.
	Roads constructed by the Municipality.
1	Connaught Road.
2	Sussex Road.
3	Vincent Road.
4	Morland Road.
5	Club Road.
6	Gilder Street.

372. The following is a statement of the items of works executed from the budgetted amount of Rs. 3,56,500-0-0 (including the supplementary grant of Rs. 16,500-0-0) for road repairs and maintenance :—

Particulars.	Quantity of work done.	Expenditure.
		Rs. a. p.
Metalling roads	82,36,031 s. ft.	2,62,123 9 7
Sandstoning roads	18,39,977 „	10,733 7 11
Scraping Roads	.....	37,460 11 4
Repairs and maintenance of footpaths	.....	16,218 5 2
Do. do. to bridges, culverts, &c.	.....	2,616 11 9
Road-side trees, fencing and maintenance ...	.....	4,185 0 1
Repairs to and purchase and maintenance of tools and plant and other works incidental to the work of road repairs, repairing footpaths, &c.	.....	20,240 14 8
	1,00,76,008 s. ft.	3,53,578 12 6
Unexpended balance Rs. ...		2,921 3 6
Total sanctioned grant ...		3,56,500 0 0

373. The cost of the road repairs during the year has been 6¾ pies per square foot of area repaired, as against 6 pies which was the cost during the preceding year.

Road Watering.

374. The City roads were watered during the year under report, some once, some twice, and some three times a day, according to the importance and the amount of traffic, except during the latter part of the year, when in deference to the opinion of the medical advisers of health, it was discontinued entirely in the case of minor roads and partially in the case of the principal thoroughfares, as it was thought that dampness of the ground promoted the prevalence of the plague. The total expenditure under this head, including the cost and fixing of new pattern hydrants, has been Rs. 1,20,180-10-11 against the grant of Rs. 1,30,400. The saving under this head has been Rs. 10,219-5-1, from which a transfer of Rs. 6,000 has been made to the Road Repairs grant, to make up the sum of Rs. 16,500 sanctioned by the Corporation as an addition to the Road Repairs grant.

375. The Corporation sanctioned a grant of Rs. 50,000 for purchasing and fixing new pattern hydrants for watering the roads.

376. Watering by this method has proved very successful. It has displaced the old method of watering by means of bullock carts, which was not only inconvenient to the public, but also expensive.

377. The total number of hydrants fixed up to the end of the year has been 876, as shown below :—

Ward.	Name of road.	No. fixed.
A	Queen's Road	28
	Carnac Road	35
	Esplanade Road	46
	Hornby Road	31
	Frere Road	54
	Fort Street	12
	Cruickshank Road	22
	Waudby Road	19
	Bazar Gate Street	19
	Raghunath Dadaji Street	4
	Gunbow Street	8
	Barrack Street	2
	Bread Market Lane	1
	Mint Road	9
	Mint Road Cross Lane	2
	Medow Street	12
	Forbes Street	6
	Hamam Street	5
	Green Street	4
	Bank Street	1
	Mint Road	4
	Esplanade Road	37
	Church Gate Street	18
	Ballard Road	4
	Elphinstone Circle	11
	Custom House Road	15
	Rampart Row	8
	Apollo Street	26
	Apollo Pier	12
	Colaba Causeway	29
	Colaba Road (from Thomas Street to Colaba Point)	96
B	Frere Road	16
	Frere Road (between Musjid Siding and Carnac Road)	19
	Argyle Road	3
C	Queen's Road	29
D	Grant Road	4
	Queen's Road	32
	French Road	2
	Gamdevi Road	1
	Mathew Road	9
	Chunam Kiln Lane	6
	Dhanji Street	9
	Kandewadi Lane	3
	Khetwadi 10th Lane	3
	Do. 11th Lane	8
	Carried over	724

Ward.	Name of road.	No. fixed.
	Brought forward ..	724
D	Parsiwada 3rd Lane	5
	Clerk Road	33
	Gibbs Road	17
	Ridge Road	8
	Sleater Road	6
G	New Purbhadevi Road	21
	Warli Pakhadi	45
	Warli, Love Grove Pumping Station Road	17
	Total No. of hydrants fixed	876

Road Metal.

378. The total quantity of metal supplied by the contractors, during the year under report, was 1,116,576 cubic feet, and the cost thereof amounted to Rs. 63,156, at the rate of Rs. 5-10-6 per 100 cubic feet.

Private Streets.

379. The "Private Streets", as defined in the Municipal Act, have continued to give trouble. Such streets cannot be repaired at Municipal expense, and the house owners cannot be compelled to keep them in order owing to the difficulty experienced in proving that the streets, or particular portions of them, have been in the undisturbed use of the public, and it would be advisable to move the Corporation and Government, to make the necessary alterations in the Municipal Act, as soon as possible, as suggested in my report to you, on the amendment of that Act.

Steam Rollers.

380. The following statement shows the condition of the various Steam Rollers at the end of the year :—

Ward.	No. on Steam Roller.	Weight in Tons.	Date of Manufacture.	Condition.
A	1	20	1891	In good condition.
D	2	15	1891	In good condition.
A	3	15	1870	An old type of roller, expensive in up-keep. In fair order.
E	4	12½	1891	In good condition.
B	5	12½	1888	In good condition.
C	6	10	1891	In good condition.
E	7	10	1879	New boiler is being made.
A	8	10	1874	In good condition.
B	9	10	1874	In good condition.
C	10	8	1888	In good condition.
D	11	8	1888	In good condition.
B	12	8	1888	In good condition.
B	13	8	1889	In good condition.
G	14	8	1889	In good condition.
E	15	8	1889	In good condition.
F	16	8	1889	In good condition.
B	17	8	1880	New fire box and shell plate and tubes fitted. In good condition.
A	18	8	1880	In good condition. New boiler in 1896.
D	19	8	1874	Much worn.
G	20	8	1880	New fire-box being fitted.
A	21	6	1894	In good condition.
D	22	6	1891	In good condition.

Footpaths.

381. During the year under report, 26,740 square yards of footpaths were paved with blue-stone, at a total cost of Rs. 13,550-6-3, as shown below :—

Localities.	Area.	Amount.
	Square yards.	Rs. a. p.
Mint Road, between the Commissariat Main Entrance and Barrack Street	2,032·25	868 15 8
Corner of Mint Road and Ballard Road		
Calicut Street	4,599·75	2,314 13 0
Argyle Road, portion of	8,139·63	3,868 0 11
Babula Tank Road „	3,428·85	1,614 2 3
Carnac Road „	741·09	336 15 11
Clive Road „	2,426·88	1,155 8 7
Ripon Road „	5,371·63	2,638 0 5
Contingent expenditure	.....	753 13 6
Total ...	26,740·08	13,550 6 3

TRAMWAYS.

382. During the year under review, no new tram lines were laid, but the single track, along the Girgaum Road, from the Portuguese Church, to the Money School, admeasuring 5,024 feet, was doubled. The work was completed and the new line was opened to traffic on the 17th March 1898.

383. During the year under report, the double tram lines along Frere Road and from Pydhoni to Grant Road Tram Terminus were renewed.

G.

PUBLIC LIGHTING.

	Paras.
GAS LIGHTING	384 to 388
KEROSINE OIL LIGHTING	389 to 392
THE ELECTRIC LIGHTING	393 to 399

GAS LIGHTING.

384. The conversion of all the ordinary gas lamps into incandescent ones was completed during the year at a total cost of Rs. 2,08,476-5-8 against the sanctioned grant of Rs. 2,17,842.

385. The total number of incandescent gas lamps in the City during the year under report was 3,828 as detailed in the following statement :—

Ward.	Single light		Double lights.				Triple lights.		Quadruple lights.		Quintuple lights.					Total.
	Part month.	Whole month.	Apollo Pier.	Frere Fountain.	Wellington Fountain.	Khansedji M. Shroff Statue.	Part month.	Whole month.	Apollo Pier.	Victoria Docks.	Hornby Road.	Queen's Statue.	Church Gate Street.	Mint Road.	Prince's Dock.	
A.....	724	159	8	8	8	...	2	1	8	...	1	4	1	1	...	1,007
B.....	468	196	...	...	...	...	1	...	...	4	...	...	...	...	1	688
C.....	429	209	...	...	...	...	...	1	...	...	...	...	...	...	...	641
D.....	603	43	...	...	...	...	7	...	...	...	...	...	...	...	...	667
E.....	457	85	...	...	...	4	8	...	...	...	...	...	...	...	...	559
F.....	113	10	...	...	...	...	1	...	...	...	...	...	..	...	...	126
G.....	124	16	...	...	...	...	...	...	...	...	...	...	...	...	...	140
Total...	2,918	718	8	8	8	4	14	2	8	4	1	4	1	1	1	3,828

386. The minimum pressure of $\frac{8}{10}$ths of an inch was maintained at all the municipal pressure registers.

387. The gas supplied was free from sulphur and other impurities. The illuminating power of the gas when tested with Argand burner in the Municipal Photometer House at Arthur Road was generally up to the contract standard. The illuminating power of an incandescent gas light averaged 30 candle power as against the minimum contract illuminating power of 25 candles.

388. Four additional automatic pressure registers were fixed at Charni Road Drainage Chowkey, Prince's Dock, Musjid Bunder Police Chowkey and Mazagon Fire Brigade Station during year.

KEROSINE OIL LIGHTING.

389. As in the preceding year the kerosine oil lighting was carried out departmentally during the year under review, and kerosine oil of 150° proof test was used throughout the year.

390. The total number of kerosine oil lamps in the city at the end of the year under review was 1,777 as shown in the following statement :—

WARD.	Double Wick.		Single Wick.		Total.
	Part month.	Whole month.	Part month.	Whole month.	
A	...	...	91	16	107
B	...	...	128	47	175
C	...	2	28	98	128
D	50	...	96	46	192
E	...	...	342	125	467
F	2	...	378	2	382
G	...	...	252	74	326
Total ...	52	2	1,315	408	1,777

391. The total cost of kerosine oil lighting during the year under review was Rs. 39,130-1-4, deducting from this Rs. 2,632-12-9 the sum recovered by the sale of empty kerosine oil cases and tins, and the value Rs. 8,862-6-2 of the kerosine oil cases which were in hand on 1st March 1897, the net cost of the kerosine oil lighting of the city during the year has been Rs. 27,634-14-5.

392. The average number of lamps during the year under report being 1,759. The average annual lighting charge per lamp was Rs. 15-11-4.

THE ELECTRIC LIGHT INSTALLATION FOR THE CRAWFORD MARKETS AND THE MUNICIPAL OFFICE.

393. The installation worked fairly well during the year. There were five stoppages of the Market lights, due to the breakage of the armature wires of the dynamo, and one due to a short circuit, in one of the lamps.

394. The stoppages were only of short duration.

395. During the year, six earthing devices were purchased for the Municipal office installation, at a cost of Rs. 45 each, and a testing set for testing the insulation resistances of the wires and cables, at a cost of Rs. 420-12-0. These purchases were made from Mr. J. B. Foster.

396. The "earthing devices" are for the purpose of turning to earth any high tension current which might find its way into the wires in the office building in the event of any breakdown in the insulation of the transformers. It was considered advisable to purchase these devices to render the installation free from any danger.

397. The testing set was obtained to enable this department to test departmentally the condition of the wires in the electric light installations at the Office, Market, and pumping stations.

398. This work was formerly carried out at the Municipal Office by Mr. J. B. Foster in 1894-95 at a cost of Rs. 250, and in 1896-97 at a cost of Rs. 200.

399. The total cost of working the electric light plant during the year was Rs. 10,549-7-3, against the apportionment of Rs. 10,800, from the budget grant of Rs. 20,473, under section 5, Lighting Markets and Slaughter Houses, &c., Health Department Budget.

H.

MUNICIPAL WORKSHOPS.

	Paras.
MONTHLY EXPENDITURE, &c.	400 to 408
Departmental works	400 & 401
Stores jobs	400 & 401
Shop charges	400 & 401
Tools and repairs to machinery	400 & 401
Supervision charges	400 & 401
Profit on private works, hire of Workshop pumping engine, sale of saw dust, &c.	400 & 401
Balance	400 to 403
Ground rent payable to Government	404 to 406
Water tax debited to Workshops grants	407
Stores grant supplemented by a transfer	408
Re-metalling Workshops Compound	403
Purchase of a platform weigh-bridge	403
ESTABLISHMENT	430 to 432
WORKS EXECUTED AT THE WORKSHOPS ...	409 to 412
ENGINES AND MACHINERY	417, 428 & 429
REPAIRS, &c., EXECUTED TO—	
Rolling stock of Road and Health Departments ...	413 to 424
Love Grove Pumping Station machinery... ...	413
Electrolising-Machinery	413
Colaba Air Compressor Station machinery ...	413
Steam rollers	413
Fire engines	413
Electric light machinery	413
Garlick incinerator	413
Gully flushing engines	413
Boilers of steam rollers renewed	425 to 427
Hydraulic Lift in the Municipal Office	433

e account of Work done and Establishment entertained at the Municipal Workshops during the year 1897-98.

Shop Charges.					Tools and Repair Charges.				Supervision Charges.					Amount charged for stationery, &c., for the Garlick Incinerator.	Total Shop Repairs and Supervision Charges.	Profit on Pumping Engine let on hire, &c.	Profit on account of 15 per cent. charged on work done for private parties.	Difference between Percentage charged and charges for supervision, shop and charges
bour.	Piece-work, Boiler Inspection Fee, Ground Rent, &c.	Stores.	Water tax, &c.	Total.	Labour.	Repairs to Buildings, &c.	Stores.	Total.	Workshops Establishment.	Stores Establishment.	Bills for Stationery, Printing, &c.	Stores.	Total.					More.
a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
7 0	75 4 0	665 3 10	....	840 14 10	....	....	....	....	535 7 9	85 0 0	....	....	620 7 9	5 0 0	1,467 6 7	46 4 0	....	980 2 4
5 0	....	858 2 1	....	984 7 1	112 3 0	....	1 9 6	113 12 6	540 0 0	85 0 0	21 15 0	0 5 4	647 4 4	5 0 0	1,745 7 11	....	....	1,178 7 0
6 0	....	926 8 9	....	1,017 14 9	60 12 6	....	254 8 3	315 4 3	592 9 4	85 0 0	98 8 0	....	776 1 4	5 0 0	2,109 4 4	95 0 0	0 6 8	163 9 9
14 0	20 0 0	1,026 6 10	....	1,146 3 10	18 10 0	56 11 6	239 3 0	314 8 6	656 0 0	85 0 0	87 8 0	....	827 8 0	5 0 0	2,287 4 4	100 0 0	....	302 13 4
4 3	2 0 0	959 7 4	361 12 0	1,442 7 7	6 0 0	....	21 12 5	27 12 5	669 5 8	85 0 0	....	....	694 5 8	5 0 0	2,165 9 8	.....	0 8 0	274 13 1
6 6	5,508 12 10	1,549 13 6	....	7,210 0 10	28 6 0	....	6 14 0	35 4 0	610 0 0	85 0 0	49 15 6	....	744 15 6	5 0 0	7,990 4 4	....	0 4 0	....
13 0	.....	1,284 8 10	25 0 0	1,467 5 10	.....	....	....	....	610 0 0	85 0 0	200 15 4	....	896 15 4	5 0 0	2,368 5 2	....	1 13 6	325 4 10
7 7	.....	1,122 7 7	.....	1,474 16 2	.....	....	....	....	610 0 0	85 0 0	0 3 6	..	696 3 6	5 0 0	2,170 2 8	....	0 2 0	....
2 0	.....	831 1 3	.....	925 3 3	.....	....	....	....	610 0 0	85 0 0	....	....	695 0 0	5 0 0	1,620 3 3	....	0 15 11	692 7 4
4 0	.....	612 15 7	.....	723 3 7	....	1,165 3 3	....	1,165 3 3	610 0 0	85 0 0	65 8 5	.....	760 8 5	5 0 0	2,648 15 3	26 6 11	0 11 8	....
4 0	.....	617 7 11	.....	720 11 11	....	166 4 9	.....	166 4 9	610 0 0	85 0 0	39 13 0	.....	734 13 0	5 0 0	1,621 13 8	0 12 10	5 12 8	1,610 9 11
14 6	8 8 0	715 3 0	....	797 9 6	....	39 0 8	.....	39 0 8	608 9 2	85 0 0	132 14 4	.....	826 7 6	5 0 0	1,663 1 8	....	0 8 11	1,654 9 1
7 10	5,614 8 10	11,169 5 6	386 12 0	18,757 2 2	225 15 9	1,427 4 2	623 16 2	2,177 2 4	7,200 15 11	1,020 0 0	697 5 1	0 5 4	8,918 10 4	60 0 0	29,852 14 10	268 7 9	11 4 4	7,182 12 8

NOTE.—The usual shop, repair, and supervision charges at 35 per cent., on the amount of labour and materials on job No. 264, for erecting a shed for gully flushing Engines, was not charged, as a special case.

Amount realized from the sale of saw-dust	5 0 0
Workshops charges for stationery, &c., for the Garlick Incinerator	60 0 0
Profit on Pumping Engine let on hire	268 7 9
Total .. Rs.	7,516 4 5
Balance in favor of Workshops	....
Total .. Rs.	7,516 4 5

Statement showing the Monthl

| Month and Year. | Departmental Works, &c. | | |

401. From this statement it will be observed that the expenditure incurred under the different heads of the Workshop Accounts was as follows :—

	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.—		
Labour	33,502 11 7	
Stores	54,017 6 7	
Piece-work, cart-hire, &c.	402 11 10	
Total ...		87,922 14 0
For Workshop Stores—		
Labour	572 0 0	
Stores	3,745 14 7	
Total ...		4,317 14 7
For Shop Charges—		
Labour	Rs. a. p. 1,586 7 10	
Stores	11,169 5 6	
Piece-work, contingencies, ground rent, water tax, &c.	6,001 4 10	
Total ...	18,757 2 3	
For Tools, Repairs to Machinery, &c.—		
Labour	225 15 0	
Stores	523 15 2	
Piece-work, repairs to buildings, &c.	1,427 4 2	
Total ...	2,177 2 4	
For Supervision Charges, Establishment, &c.—		
Establishment	8,220 15 11	
Stores	0 5 4	
Contingencies	697 5 1	
Total ...	8,918 10 4	
Total Working Expenditure ...		29,852 14 10
The Total Expenditure during 1897-98 was Rs. ...		1,22,093 11 5

	Rs. a. p.	Rs. a. p.
The total expenditure during 1897-98 on account of Departmental works, &c., and for stores job aggregated, with the percentage for supervision, shop charges, &c., to	.....	1,33,329 14 9
Add—Amount of incomplete jobs at the beginning of the year 1897-98	.....	13,568 0 3
		1,36,797 15 0
Deduct—Amount of incomplete jobs at the end of the year 1897-98	.....	6,235 14 4
Thus the total amount of bills preferred by the Workshops in 1897-98 was	.....	1,30,562 0 8
The actual charges for working the Shops, *i.e.*, for supervision (exclusive of the pay of the Assistant Engineer, Mechanical Branch in charge, which is debited to the Executive Engineer's Office Establishment) shop and repair charges, repairs to and purchase and renewal of tools and machinery, &c., amount to	.....	29,852 14 10
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 35 per cent. on the cost of labour employed and materials used for works executed at the Shops was	30,649 6 1	.....
The difference between the actual cost of working the Municipal pumping engine and the fixed charges at which it was let on hire to private parties and for departmental works was	268 7 9	.....
The percentage charged on private works executed was	11 4 4	.....
Amount realized by the sale of saw-dust	5 0 0	.....
Allowance for stationery, &c., for the Garlick's Incinerator	60 0 0	.....
The balance in favor of the Workshops was therefore	.....	1,141 3 4
Total Rs. ...	30,994 2 2	30,994 2 2

PERCENTAGE FOR SUPERVISION, SHOP, REPAIR, CHARGES, &c., GROUND RENT AND WATER SUPPLY.

402. The balance or surplus in favour of the Workshops is much less than usual, but the explanation lies in the payment to Government of a sum of Rs. 5,508-12-10 for rent of the Workshops and Stores Premises and the land occupied by Grant House for the year under review.

403. Charges amounting to Rs. 1,371 for remetalling the Workshops compound as also the purchase of a new platform weigh-bridge at a cost of Rs. 500 were met out of profit.

404. The question as to ownership of the land occupied by the Workshops premises was still unsettled at the close of the year and the payment of rent, as mentioned above, was made under protest.

405. It is unfortunate that this question should remain unsettled for so long, as it is delaying many needed improvements. The general increase of high class steam machinery and implements belonging to the Municipality, as well as further large increases in prospect in connection with the new installation of air-compressing machinery at Love Grove for the extension of the Shone System renders it imperative that the Workshops should be brought more up to date in respect of tools and mechanical appliances without further delay.

406. Many of the machine tools are upwards of thirty years old and should be replaced by others of modern and improved type. The buildings also require to be extended and properly repaired to satisfactorily execute the increase of work demanded of the Workshops.

407. Charges for water consumed at the Workshops from January to March 1897, amounting to Rs. 386-12-0, were met from the Workshops grant for stores and water supply. The charges for water supplied from April to September remained unadjusted at the close of the year, owing to a dispute as to the quantity actually consumed. The bill for the last quarter, *viz.*, from October to December has not been received.

408. Owing to several unforeseen works, the grant for stores had to be supplemented by a transfer of Rs. 5,660-8-5 from savings in the grant for establishment and labour, and also by an advance of Rs. 7,489-7-7 from Surplus Cash Balance.

NEW WORKS EXECUTED AT THE WORKSHOPS.

409. The following are the principal items of new work completed during the year :—

Description of Work.	Cost of Work.
	Rs. a. p.
For the Health Department.	
24 Wooden hand-carts	1,992 10 2
2 Bullock carts for removal of dead bodies	776 4 11
7 Hose reels for gully flushing	4,949 3 8
3 Renewing the bodies and woodwork of hearses Nos. 1, 3 and 4	987 13 7
5 Iron cylindrical dust-bins	130 1 3
For the Plague Committee.	
13 Hand ambulance carriages	3,043 1 2
1 Portable chamber and canister for disinfecting clothes with nitric acid fumes	316 7 10
Erecting an equifex disinfecting apparatus and making and erecting a corrugated iron shed for the same at Modikhana	3,790 0 0
For the Commissioner's Department.	
Erecting polling places and preparing for the Municipal Elections	1,141 1 3
For the Special Drainage Department.	
Providing an electric-light installation at the Colaba Pumping Station	1,777 10 1
Providing electric tell-tale arrangement for the 5 Ejector Stations at Colaba	311 2 6
For the Street and Building Branch of the Executive Engineer's Department.	
Constructing a flight of steps for the Falkland Road Overbridge	5,466 3 1
For the Drainage Branch of the Executive Engineer's Department.	
Fixing electrolising plant at the Carnac Bunder Depôt.	1,248 13 4
2 Tidal flaps for the double-barrel drain passing through the Miut compound...	696 3 11
For the Water Works Branch of the Executive Engineer's Department.	
7 Measuring penstocks for the Malabar Hill and Bhandarwada Reservoirs	3,712 9 7
3 W. I. frames for the strainers at Tulsi and Vehar Lakes	756 10 1
Total ...	31,096 0 5

410. The following are the principal items of new work commenced but not completed during the year :—

Description of Work.	Estimated Cost.			Expenditure up to 28th February 1898.		
	Rs.	a.	p.	Rs.	a.	p.
Fixing electrical transmissive plant for pumping sea water for electroliser...	1,622	0	0	1,248	13	4
Providing and fixing new shred-lifters at the Love Grove Pumping Station	4,746	0	0	803	3	2
Constructing a corrugated iron shed at the Sankli Tank Fire Brigade Station	4,054	8	0	802	7	3
Making and fixing iron and wood work of kutchra loading platform at Mahaluxmi ...	19,454	8	0	2,794	8	0
Making 12 wooden hand-carts	1,098	0	0	316	13	1

411. The total cost of works undertaken on account of the Plague Committee and completed during the year amounted to Rs. 11,518-0-9.

412. The total cost, up to the end of the year, of incomplete jobs for the Committee amounted to Rs. 332-7-10.

REPAIRS EXECUTED.

413. Besides the above works, the Workshops have continued to keep in repair the rolling-stock of the Health and Road Departments, as well as the numerous articles of plant and machinery used by the various departments.

414. Owing to the absence of workmen during the height of the plague epidemic last year, the repairs to Health Department dust-bin carts did not receive the usual amount of attention.

415. The consequence of this was that during the current year a very large number of carts were sent for repairs and for being fitted with new wheels. Additional wheel-wrights could not be obtained during the latter portion of the year, and many carts had to be laid up.

416. At one time there were 150 pairs of wheels required but, which could not be supplied. This deficiency has now been reduced to about 50 pairs.

417. A machine for preparing the woodwork of wheels, and an improved and modern type of steam saw-frame, for cutting up log timber, would greatly facilitate the work and reduce its cost.

418. There are now nearly 2,000 pairs of wheels in regular work, and their repairs and renewals would keep a wheel-making machine fully employed.

419. The want of these two machines, which would cost about Rs. 10,000 has been reported to the Municipal Commissioner, and he has promised to favourably consider the matter when funds are available.

420. The present Health Department dust-bin carts are made of the commonest materials and of the roughest description of workmanship, and though they are very cheap in first cost, it is questionable whether it would not be more economical in the end to manufacture them of better materials.

421. Taking the average cost of the 1,059 dust-bin carts at Rs. 100 each and 222 drain-carts at Rs. 150 each, it is found that the average cost of repairs per cart between the year 1891 to 1896 equalled the original cost of the cart.

422. The wheels and axles of the existing carts are unsatisfactory. It is intended as an experiment to try English made axles on 12 carts, with cast steel nave of special design in place of the cast-iron ones used at present.

423. The use of cast steel naves will considerably reduce the weight without decreasing the strength. These naves, which will have an internal cast-iron bush which can be renewed at a small cost whenever necessary, will, it is hoped, be practically everlasting.

424. Quotations were invited from local import firms for the supply of 12 case hardened axles and 24 cast steel naves, and Messrs. George Gahagan & Co.'s tender of Rs. 1,175, being the lowest, was accepted, but they had not been received at the close of the year.

425. The eight-ton steam roller No. 18, the repairs and renewals of which were noticed in the last year's report, was sent out of the Shops in March 1897, and is working satisfactorily.

426. The eight-ton steam roller No. 17, to which a new fire-box, shell-plate and tube-plate were fitted during the previous year, was also completed and sent out to work in the last year.

427. The construction of a new boiler for the ten-ton roller No. 7 and a new fire-box and shell-plate for the eight-ton roller No. 20, were in hand at the close of the year, but owing to the absence of workmen and press of other urgent works, progress has been slow, and the works are not completed.

ENGINES AND MACHINERY.

428. A sum of Rs. 7,000 having been sanctioned under the heading of new works in the budget for the year, for the purchase of a new engine and boiler for driving the Workshops machinery, tenders were

invited, and Messrs. John Fleming & Co.'s offer to supply a Marshall's double cylinder, high-pressure, under-type engine, with loco.-type boiler for Rs. 6,900, was accepted.

429. The engine was received on September 30th and erected on a new foundation by the Workshops staff. It was started on the 27th October 1897, and has been working very satisfactorily.

The consumption of coal by the new engine and the old one (which, it is believed was upwards of forty years old) is given below for comparison :—

The average consumption of coal in the old engine and boiler from July to October 1897 was 41 tons 12 cwt. 2 qr. per mensem against the average monthly consumption in the new engine and boiler from November 1897 to February 1898 of 22 tons 5 cwt.

The saving affected by the use of the new engine and boiler in four months, with coal at Rs. 14 per ton, thus amounted to Rs. 1,085.

ESTABLISHMENT.

430. The death roll amongst the staff from plague and other causes has been heavy, the victims from plague amongst the different castes being as follows :—

Mahomedans	3
Hindus	5
Jews	0
Portuguese	1
Parsees	0
Total ...	9

431. It is a curious coincidence that the total number of deaths was the same as in the previous year. The number of deaths in the different castes was also the same, with the exception that, in the previous year, 4 Hindus and 1 Jew succumbed to the disease against 5 Hindus only during the year under review.

432. Amongst deaths from other causes I have to record with regret the deaths of the head fitter, leading turner, and moulder, and when it is stated that the deaths from plague include the leading carpenter also, it will be seen that the Workshops have lost many of the oldest and best workmen. The turner, a Hindu, who died after a two-days' illness from peritonitis, is especially missed, as it is reported that for speed, accuracy and finish he was certainly one of the best workmen in Bombay.

HYDRAULIC LIFT.

433. The hydraulic lift in the Municipal Office worked satisfactorily during the year without any stoppage, except for repairs with an expenditure of Rs. 1,580-1-10 against the budget grant of Rs. 1,600.

I.

GENERAL.

	Paras.
CONTRACTS EXECUTED	434
LEASES OF RIGHTS SOLD	435
BILLS AND VOUCHERS PASSED	436
NOTICES ISSUED	437
LETTERS RECEIVED AND DESPATCHED	438
SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES	439
PLAGUE OPERATIONS	440 to 464
LIST OF MUNICIPAL PROPERTIES	465 & 466
MUNICIPAL SERVANTS ACT	467

CONTRACTS EXECUTED FOR AND DURING THE YEAR 1897-98.

434. The following statement gives particulars of the contracts entered into for and during the year 1897-98, for annual and other supplies and for the construction of various works :—

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
	Supplies.				Rs. a. p.
1	Iron castings ...	Messrs. Sorabji Shapurji & Co.	788	21st Apr. 1897	At schedule rates.
2	14 Horse-power double cylinder high pressure Stationary steam engine and boiler for the Municipal Workshops.	Messrs. John Fleming & Co.	321	7th Apr. 1897	6,950 0 0
3	12 case hardened axles and 24 cast steel naves.	Messrs. George Gahagan & Co.	8888	22nd Dec. 1897	1,175 0 0
4	Gas coke	The Bombay Gas Co.	14691	31st Mar. 1897	Rs. 24 per ton

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
5	500 Tons Sibpur coal, 500 tons Borrea bituminous coal, 250 tons Deshgur coal, at the Love Grove Pumping Station, 500 tons Borrea bituminous coal at the Municipal Workshops.	Messrs. Sullemanji Mulla Abdoolali & Co.	2311 4803	2nd June 1897 18th Aug. 1897	17,625 0 0 7,000 0 0
6	500 Tons of Powell's Duffryn Cardiff coal, at the Love Grove Pumping Station and 75 tons at the Municipal Workshops.	Messrs. P. Nasarwanji & Co.	11210 861	16th Feb. 1898 27th Apr. 1898	10,437 8 0 1,490 10 0
7	500 Tons Borrea Coal Co.'s A seam Anthracite coal, 500 tons Sibpur Bengal coal, at the Love Grove Pumping Station, 200 tons Borrea Coal Co.'s A seam anthracite coal, at the Colaba Air Compressor Station, and 250 tons Borrea Coal Co.'s A seam anthracite coal, at the Municipal Workshops.	Mr. Fardunji Framji Karaka.	5713	22nd Sept. 1897	20,587 8 0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
8	420 Tons Borrea Coal Co.'s A seam anthracite coal, at the Love Grove Pumping Station, 100 tons at the Municipal Workshops, and 75 tons at the Colaba Air Compressor Station,	Messrs. Killick, Nixon & Co.	8884	22nd Dec. 1897	8,875 0 0
9	500 Tons Borrea A seam anthracite coal, at the Love Grove Pumping Station, 150 tons at the Municipal Workshops, and 100 tons at the Colaba Air Compressor Station.	Messrs. P. Nassarwanji & Co.	11210	16th Feb. 1898	11,493 12 0
10	100 Tons Singareni coal and 400 tons Sibpur coal at the Love Grove Pumping Station.	Mr. Bomanji Edulji Kassinath.	1005	28th Apr. 1897	6,875 0 0
11	150 Tons Cardiff coal, at the Colaba Air Compressor Station.	Messrs. Dadabhoy Hormusji & Co.	2295	2nd June 1897	3,487 8 0
12	Stoneware pipes, junctions, bends, &c.,	Messrs. Richardson & Cruddas.	785	21st Apr. 1897	3,140 3 6
13	6 Solid drawn brass tubes, weighing 125 lbs. each, for sheathing the pump rods of engines Nos. 2 and 3, Love Grove Pumping Station.	Messrs. John Fleming & Co.	2605	16th June 1897	562 8 0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
14	Cast-iron pipes and sundry fittings.	Messrs. Richardson & Cruddas.	3148	30th June 1897	16,490 12 3
15	Dynamo and motor for working the electrolyzer.	Messrs. John Fleming & Co.	4095	3rd Aug 1897	1,998 0 0
16	3,500 Casks of Portland cement.	Mr. Goolamali Jivaji Pachmariwala.	5364	8th Sept. 1897	8 9 0 per cask.
17	1,000 lbs. Dermatine valve faces, for the Love Grove Pumping Station.	Messrs. Macbeth Bros. & Co.	11212	16th Feb. 1898	3,120 0 0
18	Two steam winches, for the Love Grove Pumping Station.	Messrs. George Gahagan & Co.	11938	9th March 1898	2,200 0 0
19	2,830 Feet of 4" stoneware half pipes, manufactured by Messrs. Burne & Co.	Messrs. Garlick & Co.	14121	17th Mar. 1897	7,385 0 0
20	1,000 lbs. of Dermatine valve faces.	Messrs. Richardson & Cruddas.	14688	31st Mar. 1897	3,312 8 0
21	9 Alarm bells, fitted with pressure guages for the detection of bursts, on water mains.	Messrs. Glenfield & Co.	2885	25th June 1897	about 2,268 0 0
22	100 Brass of rubble stone.	Mr. Pestonji Shapurji Mistry.	3635	14th July 1897	700 0 0
23	Clothing for the staff of Water Works and Fire Brigade Departments.	Messrs. Hadji Ebrahim Bros.	7888	1st Dec. 1897...	2,402 8 0 3,197 2 0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
24	Meters and fittings, for the Water Works Department.	Messrs. Garlick & Co.	10471	2nd Feb.1898	31,478 3 0
25	Sand Shingle and metal, for new filters at the Bhandarwada Reservoir.	Messrs. Littlewood & Pallanji.	11211	16thFeb. 1898	1,720 0 0
26	4,000 Cases of kerosine oil(Snowflake brand,150°proof).	The Standard Oil Company.	1979	26thMay 1897	20,691 10 8
27	1,250 Pickaxes manufactured by the Hardy Patent Pick Company.	Mr. W. C. Rowe.	3637	14th July1897	2,031 4 0
28	4,000 Cases of kerosine oil (Snowflake brand,150° proof).	The Standard Oil Company.	9621	12th Jan.1898	4 12 2 per case.
	Works.				
29	Annual repairs and petty works and supply of materials.	Messrs. Devram Keshavji & Co.	14228	24th Mar.1897	.....
30	Winding and repairing, &c., Municipal clocks.	Mr. Sorabjee Jamshedjee.	14120	17th Mar.1897	520 0 0
31	Building enclosure walls, 6′ high, round the new burial grounds, for Mahomedans and Jews at Tank Bunder.	Messrs. Teju Kaya & Co.	3575	7th July 1897	8,186 14 5

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.	Rs.	a.	p.
32	Building enclosure walls, 6′ high, round the new burial grounds, for Mahomedans and Jews at Tank Bunder.	Messrs. Sullemanji Mulla Abdoolali & Co.	3575	7th July 1897	5,227	0	0
33	Construction of two sheds in the yard of the Bandora Slaughter Houses and filling in quarry-holes therein.	Do. ...	3661	14th July 1897	8,605	14	7
34	Construction of quarters, at Gamdevi, for Foreman Engineer and Laskars of the Fire Brigade and of Ward Office.	Messrs. Pallanji Shapurji & Co.	6621	13th Oct. 1897	17,845	8	9
35	Repairing and putting in thoroughly good working order the clock in the Victoria Gardens.	Mr. Sorabji Jamshedji.	Comr's. No.21168	19th Nov.1897	850	0	0
36	Construction of a road from Dock Yard Road to the junction of Coppersmith Street & Gunpowder Road.	Messrs. Teju Kaya & Co.	8168	10th Dec. 1897	17,877	7	7
37	Work of excavating and removing kutchra from the site of the sidings, approach roads and platforms, proposed to be constructed on the Tardeo Flats, in connection with the scheme, for the future disposal of Town Sweepings.	Mr. Sitaram Luxman.	8386	15th Dec. 1897	16,309	0	0

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.	Rs.	a.	p.
38	Construction of a temporary market at Fergusson Road.	Mr. Rustomji Ratonji Contractor.	8388	15th Dec. 1897	6,614	9	11
39	Work of diverting the Arthur Road, over the new masonry culvert constructed over the old main drain thereat.	Mr. Sitaram Luxman.	8887	22nd Dec. 1897	19,784	1	9
40	Construction of a road, from the junction of Victoria Road with Mount Road through Narielwadi, to a road lately constructed by the Port Trustees.	Messrs. Tejn Kaya & Co.	9018	28th Dec. 1897	6,802	3	3
41	Construction of certain additions to, and alterations in, the Chawl for Municipal bigaris at Dadar.	Messrs. Devram Keshavji. & Co.	9637	12th Jan. 1898	7,929	1	4
42	Construction of embankment of railway line, for the conveyance of town sweepings from Kurla to Devnar.	Messrs. Ward & Co.	9640	12th Jan. 1898	68,880	9	7
43	Construction of approach roads to the railway siding on the Tardeo Flats.	Mr. Sitaram Laxuman.	9641	12th Jan. 1898	44,646	2	4

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
44	Widening a portion of Gunpowder Road and other works connected therewith, near Mankeshwar Temple, Mazagon.	Messrs. Sullemanji Mulla Abdulalli & Co.	9967	19th Jan. 1898	12,290 9 11
45	Construction of quarters for Mallis, in the Victoria Gardens.	Messrs. Devram Keshavji & Co.	10448	2nd Feb. 1898	11,665 1 1
46	Construction of masonry culverts for the proposed cutchra railway, from Kurla Railway Station to Devnar.	Messrs. Ward & Co.	10786	9th Feb. 1898	25,892 6 3
47	Construction of platforms, on the sides of the Railway station, at Mahaluxmi, for the removal of town sweepings.	Mr. Sitaram Laxuman.	10790	9th Feb. 1898	22,276 4 10
48	Construction of rubble masonry walls, on the sides of the Jewish Burial Ground, at Mount Road.	Messrs. Teju Kaya & Co.	11560	22nd Feb. 1898	3,807 1 7
49	Constructing a masonry wall, repairing and raising the old walls, round the Suni Mahomedan Burial Ground at Tank Bunder.	Do.	11580	22nd Feb. 1898	7,969 1 3

Contracts—*continued.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.
			No.	Date.	
					Rs. a. p.
50	Construction of a culvert over the Agripada drain, on the Flats.	Mr. Sitaram Laxuman.	11933	9th Mar. 1898	3,879 10 8
51	Construction of quarters, for the Head Animal-keeper, in the Victoria Gardens.	Messrs. Devram Keshowji & Co.	12240	16th Mar. 1898	7,996 0 0
52	Works in the street portions of the house drainage connections, in various parts of the city.	Do. ...	7748	24th Nov. 1897	At schedule rates.
53	Construction of Night-soil Depôt, at Haines Road.	Do. ...	9619	12th Jan. 1898	9,837 5 10
54	Works in the construction of a storm water drain with manholes and water entrances, in the newly acquired ground, at the Victoria Gardens.	Do. ...	12916	24th Feb. 1897	5710 6 2
55	Supplying and laying 4″ cast iron water mains, in the Waudby Road, Queen's and Mathew Roads, Parsiwada 3rd Street, Khetwadi 12th Lane, Khetwadi 10th Lane, Chunam Kiln Lane, Grant Road and Dhunji Street, Sleater Road, Kandewadi Lane, Raghoonath Dadaji Street and works in connection therewith.	Mr. Pallonji Edulji	786	21st April 1897	24,373 2 0

Contracts—*concluded.*

Consecutive Nos.	Particulars of Contracts.	Names of Contractors.	Resolutions of the Standing Committee accepting Tenders, &c.		Amount of Contracts.		
			No.	Date.			
					Rs.	a.	p.
56	Work of repairing the Tansa Pipe Embankment, between Godauli and Balcomb.	Mr. Bhasker Shivram.	1915	19th May 1897	53,737	8	0
57	Supplying and laying in the filter beds of the Malabar Hill Reservoir, 200 brass of new sand.	Messrs. Framji Sorabji & Co.	5636	16th Sept. 1897	3,200	0	0
58	Supplying and laying filtering materials at the Bhandarwada Reservoir filters and other works in connection therewith.	Mr. Sitaram Laxuman.	8882	22nd Dec. 1897	19,448	0	0
59	Supplying and laying 9″ cast-iron water pipes, in Warli Road and for removing the existing 3″ water main therefrom and for works in connection therewith.	Mr. Pallonji Edulji.	1221	5th May 1897	48,611	6	0
60	Work of repairing, painting and altering Municipal Kerosine Oil lamps, in different parts of the city and also supplying and fixing new posts and lamps.	Mr. Abdul Husen Kikabhai.	1622	12th May 1897	1,452	0	0

LEASES OF RIGHTS SOLD.

435. The following list shows the leases of various rights sold during the year 1897-98, for cutting grass, and gathering fruit, &c., from Municipal lands, and for fishing in and gathering flowers, singaras, &c., from Municipal tanks, water channels, &c.

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amount realized.	Area of land, number of trees, &c.	
					Land.	Trees
	General Branch.			Rs. a. p.		
1	Cultivating and taking grass and vegetables, from the land adjoining Haines Road (lately acquired from Mr. Kuverji Mulji.)	For the year ending 31st March 1898.	Mr. Bassappa Malu Saibu.	510 0 0 +39 0 3 for General Tax.	16,482·48 sq. yds.	...
2	Cultivating and taking grass and vegetables, from the land adjoining DeLisle Road (acquired from Mr. Goverdhandas Khimji.)	For the year ending 31st May 1898.	Mr. Sayana Rajana.	60 0 0 + 4 9 5 for General Tax.	5,196 „	...
3	Cultivating and taking grass and vegetables, from the land adjoining Ripon Road (acquired from Bai Sarasvatibai.)	Do. ...	Mr. Laxman Raghoo.	380 0 0 +29 1 1 for General Tax.	17,739 „	...
4	Cultivating and taking grass and vegetables, from the land adjoining Arthur Road (acquired from Mr. Hirji Virsi.)	For the year ending 31st March 1898.	Mr. Laxman Raghoo.	80 0 0 + 2 4 9 for General Tax.	9,748 „	...
5	Cultivating and taking grass and vegetables from the Municipal land at Ripon Road (acquired from Bai Motlabai un i Mr. Cama.)	Do. ...	Messrs Laxman Kamaji and Bassapoa Malu Saibu.	1,010 0 0 +77 4 3 for General Tax.	about 2,67,093 „	...
6	Cultivating and taking grass and vegetables, from the Municipal land adjoining the DeLisle and Arthur Roads (Chinchpokli compound.)	Do. ...	Mr. Sayana Rajana.	75 0 0 + 5 11 10 for General Tax.	about 11,788 „	...
7	Cultivating and taking grass and vegetables, from the Municipal land adjoining Ripon Road and Gilder Street, (acquired from Sir A. D. Sassoon.)	Do. ...	Mr. Laxman Raghoo.	80 0 0 + 6 1 11 for General Tax.	about 27,976. „	...
8	Cultivating and taking grass and vegetables, from the Municipal land at Haines Road.	From 1st Aug. 1897 to 31st July 1898.	Mr. Hamir Karson.	525 0 0 +40 2 7 for General Tax.	about 16,953 „	...
9	Cultivating and taking grass and vegetables, from the Municipal land adjoining Arthur Road, Agripada (acquired from Sir D. M. Petit.)	Do. ...	Mr. Moraman Shivdas Kharvi.	225 0 0 +17 8 5 for General Tax.	about 10,139 „	...
10	Cultivating and taking grass and vegetables, from the Municipal land adjoining Lady Jamsetji Road near Hasali tank.	From 1st June 1897 to 31st May 1898.	Bai Jethi Jesa Kharvin.	25 0 0 + 1 14 7 for General Tax.	about 1,484 „	...

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
11	Taking grass from the sides and footpaths of Hornby Vellard and Clerk Road.	15th July to 15th October 1897.	Mr. Bassappa Malu Saibu.	100 0 0	40,227 sq. yds.	...
12	Gathering fruits and tapping trees standing in the Cart at Dadar, purchased by the Municipality from Mr. Narsi Mahadeo.	For three years ending 31st July 1900.	Mr. Mohidin Abubakar.	40 0 0 per annum	2,674·71 „	132
13	Gathering fruits and tapping trees and occupying a small house in the cart purchased from Bai Sonabai Rustomji H. Ramji.	Do. ...	Mr. Mohidin Abubakar.	90 0 0 per annum	3,509 „	153
14	Cultivating and taking grass and vegetables, from the Municipal ground on the sides of the Vincent Road.	For the year ending 30th May 1898.	Mr. Krishna Gangji.	150 0 0 +11 7 7 for General Tax	53,000 „	...
15	Taking fruits from the Cocoanut trees in the compound of the Gowalia Tank Road Ward Office.	For the year ending 31st July 1898.	Mr. Babu Hydar.	7 0 0	.....	19
16	Taking grass from the Municipal land adjoining Mount Road acquired from Mr. Rustamji Jamasji Ashburner	From 1st Aug. to 31st October 1897.	Mr. Bassappa Malu Saibu.	80 0 0	28,496 sq yds	...
	Drainage Branch.					
17	Taking grass from the bank of the Storm-Water Reservoir at Mahalaxmi.	For the year ending 31st December 1897.	Mr. Laxman Kamaji.	725 0 0 +55 7 5 for General Tax.	38,855 „	...
18	Taking grass from eastern slope of the Hornby Villard.	Do. ...	Mr. Malu Yenkati.	35 0 0 +2 10 10 for General Tax.	5,333 „	...
19	Taking grass from Municipal ground about Bellasis Bridge.	For one year ending 31st May 1898.	Mr. Laxman Raghoo.	300 0 0 +22 15 2 for General Tax.	4,828 „	...
20	Taking grass from the Municipal ground, about Arthur Road.				6,891 „	...
21	Taking grass from Agripada open drain, from the Agripada Milch-Cattle Stables, Haines Road, to Arthur Road.				7,720 „	...
22	Taking grass from the Municipal land between Wari Bunder Road and the G. I. P. Railway Company's compound, at Hancock Bridge.				838 „	...
23	Taking grass from the Municipal ground at the north-east corner of the storm water reservoir, at Clerk Road.	For the year ending 31st May 1898.	Mr. Sayana Rajana.	625 0 0 47 13 0 for General Tax.	5,478 „	...

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
24	Fishing in Worli channel and sluices and tank in Mingut Mandli.	For one year ending 31st March 1898.	Mr. Padma Budia,..	400 0 0	.....	...
25	Fishing in Dharavi Sluices ...	Do. ...	Mr. Pandu Koket...	26 0 0	.....	...
26	Taking grass from the Municipal land, near the condensing reservoir at the pumping station and from the compound of Mr. Verjivandas Madhawdas's bungalow rented by the Municipality.	From 1st Jan 1897 to 31st Dec. 1897.	Lieut.-Col. J. Anderson.	123 0 0 + 9 6 6 for General Tax.	33,333 sq. yds. 820 „ 34,153 „	...
	Water Branch.					
27	Taking grass from the Tansa duct line from tunnel No. 8 to tunnel No. 10.	From 6th Apl. to 31st Dec. 1897.	Mr. Hari Dhawu...	10 0 0	32 acres	...
28	Taking grass from Municipal grass land around the margin of Pawai Lake and about the Vehar Road and Pawai engine house.	From 1st Feb. 1897 to 31st Dec. 1897.	Mr. Pascol Francis DeSouza.	1000 0 0	about 100 „	...
29	Taking grass from the margin of Vehar Lake, from the islands in the lake, and from the banks of catchwater channels.				over 100 „	...
30	Taking grass from the Tulsi pipe line, Tulsi to Andheri-Marol Road.				36 „	...
31	Taking grass from the Tulsi pipe line, Andheri-Marol Road to Bandra.				26 „	...
32	Taking grass from the Vehar pipe line, Vehar to Kurla.				about 17 „	...
33	Taking mangoes from Municipal trees at Pawai.				.....	2,500
34	Taking leaves from date trees on Municipal land at Pawai.				.....	about 2,500
35	Taking leaves and fruits from tad palms on Municipal lands at Pawai, Vehar and Tulsi.				.....	1,450
36	Taking fruits from all Municipal tamarind, custard-apple, guava, jambul, bore and cocoanut trees at Pawai.				.....	about 200

Leases of Rights Sold—*continued.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
37	Taking all dead tree of every kind and all living injalli trees and brush-wood at Pawai except trees of the following kinds :—mango, tamarind, custard-apple, guava, jambul, bore, cocoanut, tad and date palms. (The Contractor to be held responsible for any damage done by him or his men to the reserved trees.)	From 1st February 1897 to 31st December 1897	Mr. Pascol Francis D'Souza.	.....	.....	...
38	Cultivating and taking singaras in the Goper Dam and 2 tanks, on the margin of Pawai Lake.				.....	...
39	Fishing in Pawai Lake ...				.....	...
40	Cultivating rice on land near Pawai engine house.				About 2 acres.	...
41	Fishing, planting, and gathering singaras in the Digi, Hasali, Jambli and Sawli Tanks.	From 1st April 1897 to 31st March 1898.	Mr. Ganpat Saku.	125 0 0 inclusive of General Tax.	.....	...
42	Taking grass growing on the slopes of the Malabar Hill Reservoir.	For one year from 1st June 1897 to 31st May 1898.	Mr. Govind Rama.	25 0 0 + General Tax.	.....	...
43	Taking grass on the Municipal land on the Tulsi pipe line between Mahim and Mahaluxmi.	From 29th June 1897 to 31st May 1898.	Mr. Luxman Kamaji.	190 0 0	.....	...
44	Taking grass from the margin of Tansa Lake.				About 1,500 acres	...
45	Taking grass and removing fruits from mango and other injalli trees growing on the Municipal land near Tansa Dam, known as the 1,980 and 500 feet strips, and for cultivating the same.				270 acres.	...
46	Taking grass and removing fruits from mango and other injalli trees from Duct Line from junction with 1,000 ft. strip at Tansa to Tunnel No 2 and cultivating the piece of Municipal rice land at Khosta.	From 1st February to 31st December 1897.	Mr. Vithal Balkrishna.	210 0 0	27 „	...
47	Taking grass from the Tansa Duct Line from Tunnel No. 2 to Tunnel No. 3 and cultivating the rice land, 8 acres at Vandra.				36 „	...

Leases of Rights Sold—*concluded.*

Consecutive Nos.	Description of rights.	Periods for which the rights were sold.	Names of parties to whom the rights were sold.	Amounts realized.	Area of land, number of trees, &c.	
					Land.	Trees.
				Rs. a. p.		
48	Taking grass growing on the Tansa Duct Line from north end of Bassein Creek Siphon to Bassein Creek Bridge, including Gadavli Depôt ground.	From 1st February to 31st December 1897.	Mr. Bendia Pochia.	80 0 0	91 acres.	...
49	Taking grass growing on the Tansa Duct Line from south of No. 1 Bassein Creek Bridge to the south end of Bassein Creek Siphon.	Do. ...	Mr. Barkia Sadu.	55 0 0	42 „	...
50	Taking grass growing on the Tansa Duct Line from the south of Bassein Creek Siphon to the north end of Pawai Siphon.	Do. ...	Mr. Barkia Sadu Patel.	5 0 0	67 „	...
51	Taking grass growing on the Tansa Duct Line from the north end of Pawai Siphon to Ghatkoper Siphon Head.	Do. ...	Mr. Nicholas Illian Patel.	60 0 0	32 „	...
52	Taking grass growing on the Tansa Duct Line from Ghatkoper Siphon Head to the north of the Coorla kutchra ground.	Do. ...	Do. ...		35 „	...
53	Taking grass growing on the land on the Tansa pipe line from south of Wadia Mahal Salt Works to Matunga Road near Futka Tank.	From 1st June 1897 to 31st May 1898.	Mr. Domingo Louis Rodrigues.	20 0 0	.....	...
54	Fishing in the Gowari Tank at Mahim.	From 1st April 1897 to 31st March 1898.	Mr. Joze Sebastian Pereira.	8 0 0	.....	...

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

436. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1893-94 to 1897-98 :—

Description.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.
Bills for supplies, works, &c.	6,750	6,201	6,693	7,481	10,189
Departmental Works Bills	1,778	1,851	2,108	2,067	3,855
Private Works Bills	3,358	3,621	3,258	2,268	2,341
Total ...	11,886	11,673	12,059	11,816	16,385

NOTICES, &c., ISSUED.

437. Comparative statement of the number of notices, &c., issued during the five years from 1893-94 to 1897-98 :—

Section.	Description.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.
	Street and Building Branch.					
281	To provide rain-water eaves, gutters and down pipes.	629	426	167	288	603
282	To drain undrained premises not within a hundred feet of a Municipal drain.	1	.....	.....	.....	.....
284	To provide effectual drainage to new buildings.	8	.....	.....	.....	.....
247&248	To provide water closets, privies, or urinals.	29	34	28	8	9
257	To remove encroachment on drain, cesspool, house gully, privy, urinal, &c.	49	42	46	29	18
299	Intimation to take possession of land outside building for street improvement.	86	48	48	51	82
305	To level, metal or pave, drain and light private streets.	8	27	89	.....	46
308	To remove new projections ...	119	112	126	71	102
309	To remove old projections ...	154	47	48	5	84
	Carried forward ..	1,078	786	547	452	844

Notices, &c.—*continued.*

Section.	Description.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.
	Brought over ...	1,078	736	547	452	841
311	To remove or alter door, gate, bar or window, opening upon a street.	218	59	53	21	48
315	To remove projection or obstruction in or upon any street or upon or over open channel, drain, well or tank.	40	1	6	.....	.....
329	To repair, protect or enclose wells or dangerous places.	9	1	9	5	3
349	To remove inflammable materials in external walls and roof covering.	1,071	789	990	994	976
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same.	478	447	484	294	245
353	To alter building erected or to amend work done contrary to the provisions of the Municipal Act or Building Bye-laws.	371	428	421	325	318
354	To pull down ruinous houses ...	242	206	400	321	456
380	Removing or altering insanitary huts or sheds.	.....	.....	.....	13	14
383	To cut and trim trees, shrubs and hedges.	8	4	8	2	2
426	Demolishing insanitary structure to prevent the spread of infectious diseases.	.....	.....	.....	586	85
488	Intimation of intention to enter houses after 24 hours' notice.	1,157	912	1,360	988	1,730
I	Notices issued under the Epidemic Disease Act.	.. ...	.....	.....	42	55
I & IX	Do. do. do. ...	.....	.....	... ..	76	90
.....	Notices issued intimating to the owners improvements necessary in the houses.	.....	.....	.....	.....	741
	Drainage Branch.					
222	For making Municipal drains outside Municipal property.	9	1	1	.....	.....
230	To carry drains through land belonging to other persons.	7	8	8	12	5
231	To drain undrained premises within a hundred feet of a Municipal drain.	412	441	686	218	903
231&232	To drain undrained premises within or without a hundred feet of a Municipal drain.	.....	.....	.....	1	.....
	Carried forward ...	5,100	4,058	4,973	4,380	6,515

Notices, &c.—*concluded.*

Section.	Description.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.
	Brought over ...	5,100	4,058	4,973	4,880	6,515
231&257	To close, remove, renew, repair, &c. drainage of premises without sufficient means of effectual drainage.	7	129	40	50	.....
231&260	To drain undrained premises through the Municipal Agency.	.....	.....	.....	160	20
232	To drain undrained premises not within a hundred feet of a Municipal drain.	32	80	24	43	70
232&257	To provide a cesspool and to repair, &c.	.....	.....	.....	4	.....
234	To provide effectual drainage to new buildings.	2	4	1	7	17
238	To declare joint ownership of a drain.	.....	.....	.....	2	.....
244	To affix shafts or pipes for ventilation of drains, &c.	18	5	9	14	3
248	To provide water closets, privies, or urinals.	5	2	3	5	2
251	To provide, water closets in accordance with the provisions of the Municipal Act.	.....	.....	.....	.....	2
257	To renew, repair, &c., drainage of houses.	329	1,298	1,433	1,008	1,017
257&260	To execute, repair, &c., to drain cesspool, &c., through the Municipal agency.	.....	.....	.....	714	.....
258	To execute works in good workmanlike manner and to use suitable materials, &c.	.....	.....	22	.....	.....
258	To prohibit contraventions generally of the provisions of Chapter IX of Municipal Act.	3	5	4	9	4
868	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers.	.....	.....	.....	82	1
875	Cleansing and lime-washing of any building.	.....	.....	.....	38	.....
881	To cleanse, fill, drain, &c., pools, ditches, ponds, wells, quarry holes, &c.	.....	1	.....	.....	.....
	Water Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c.	4,862	6,595	8,657	9,193	9,818
.....	For transferring connections from one main to another.	8	19	31	25	4
279	To fix meters to service pipes ...	174	150	227	264	160
284, 285 & 471	To stop wastage of water from taps, &c.	11	17	5	265	28
	Total ...	10,551	12,313	15,429	16,208	17,661

LETTERS, &c., RECEIVED AND DESPATCHED.

438. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1893-94 to 1897-98.

Departments.		1893-94.	1894-95.	1895-96.	1896-97.	1897-98.
General and Streets and Buildings Branches	Inward ...	44,195	37,257	50,817	43,136	47,744
	Outward...	45,685	48,275	44,016	49,812	55,792
Drainage Branch.	Inward ...	26,139	27,691	30,855	34,624	35,758
	Outward...	24,971	28,318	25,810	31,946	36,001
Water Branch.	Inward ...	13,162	19,510	19,543	19,864	22,777
	Outward...	13,816	21,041	19,978	21,157	22,347
	Total ...	167,968	182,092	191,019	200,539	220,419

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

439. The following is a Summary of Clerical Work done by the different branches of this Department during the year:—

Consecutive Nos.	Description of Work.	General and Streets and Buildings.	Workshops.	Drainage.	Water Works.	Total.
1	Letters, &c., received including replies to references to Inspectors, &c.	47,744	2,550	35,758	22,777	108,829
2	Letters, &c, despatched, including references to Inspectors for report	55,792	3,101	36,001	22,347	117,241
3	Notices issued	5,607	... ..	2,054	10,010	17,661
4	Summonses issued	332	....	1,007	.....	1,339
5	Contracts for annual and other supplies and for the construction of various works, executed ...	37	.....	18	10	60
6	Leases of various rights sold	10	.....	10	28	54
7	Vouchers received and passed	4,253	804	3,783	1,899	10,189
8	References made to Inspectors, &c., for certificate on vouchers	1,328	.....	2,954	655	4,937
9	Reports and certificates received from the Inspectors, &c.	1,352	.....	2,954	655	4,961
10	Departmental and private works bills prepared or received, checked and passed	3,872	564	321	1,939	6,196
11	Statements of works done for Municipal Departments, checked and passed	143	.....	12	12	167

(*Continued from page* 471).

Consecutive Nos.	Description of Work.	General and Streets and Buildings.	Workshops.	Drainage.	Water Works.	Total.
12	Statements of works done for private parties, checked and passed	215	.....	12	12	239
13	Workshops Balance Sheets prepared and forwarded	.....	12	.....	.....	12
14	Statements of recovery of bills against private parties received	482	.....	.....	.....	482
15	Requisitions prepared or received and forwarded.	1,344	265	2,140	401	4,150
16	Measurement slips for metal, sand, rubble, &c., received and checked	1,044	.....	.....	.....	1,044
17	Statements showing the receipts, issues and balances of Stores received and checked ...	144	.....	12	.....	156
18	Morning reports, diaries, &c., prepared or received and checked...	89,125	1,030	1,985	65	91,605
19	Muster-rolls received and checked	747	120	126	216	1,209
20	Statements of wages remaining unclaimed received and checked...	144	.....	92	19	255
21	Unclaimed wages refund certificates prepared or received and passed	1,095	94	840	184	2,213
22	Works-abstracts for road repairs and maintenance received and checked	144	.....	.....	.....	144
23	Works-abstracts for road watering received and checked	104	.....	.....	.....	104
24	Statements of expenditure on each road received and checked	42	.....	.....	.....	42
25	Quarterly estimates for road repairs and road watering received and passed	48	.....	.....	.....	48
26	Permits issued for projecting verandas, balconies, rowas, weather-frames, &c.	28	.....	.....	.....	28
27	Permits issued for erection of scaffolding on public roads	168	.....	.....	.....	168
28	Permits issued for opening Roads	1,758	.....	.....	.....	1,758
29	Permits issued for temporary occupation of public streets on marriage and other ceremonies.	526	.....	.....	.....	526
30	Advice-notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under section 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant...	2,183	.....	257	1,531	3,971
31	Licenses issued to plumbers	86	.....	.....	.....	86
32	„ „ to Surveyors	30	.....	.....	.....	30
33	Slips for road opening received	1,758	.....	.....	.....	1,758
34	Authorities issued to plumbers for opening roads under tram-lines	56	.....	.....	.....	56
35	Adding ground orders issued	114	.....	.....	.....	114
36	Permissions for building or rebuilding houses granted either conditionally or unconditionally.	1,129	.....	.....	.....	1,129
37	Claims for compensation for land, &c., taken up for street improvement passed	71	.....	.....	.....	71
38	Gate passes issued	.....	238	.....	.....	238
39	Receipts for articles sent from Workshops, prepared and forwarded	.....	972	.....	.....	972

PLAGUE OPERATIONS.

Inspection of Insanitary Houses.

440. During the prevalence of the plague, a large number of houses having been found to be insanitary and unfit for human habitation, it was resolved to make an inspection of such dwellings.

441. To effect this, Government issued a notification No. P-228, dated the 10th February 1897, under the authority of the Epidemic Diseases Act, empowering the Municipal Commissioner and the Plague Committee, to inspect such buildings and to have those which may be capable of improvement, to be improved, and those which may be incapable of improvement, demolished.

442. In the beginning of the year under report and during a portion of the past year also, the work of inspection was carried out by the Street and Building Branch of my Department; but it was soon found that it was not capable of coping with it, in addition to its ordinary duties, as a large number of requisitions for the inspection of houses began to come in, from the Health Department, as well as from the Plague Officers.

443. It was also thought that instead of taking action in the matter, in stray cases of insanitary and unhealthy buildings, here and there, a regular and systematic examination of all houses in the city should be made, with a view to ascertain their condition, and to cause such improvements to be made in them, as may be necessary, to render them fit for human habitation.

444. At first, a small establishment, consisting of an Assistant Engineer and two Inspectors, was sanctioned for this purpose. They were at once employed for the inspection of houses in the Kamathipura district, one of the worst districts in the city.

445. Soon afterwards I drew up under your instruction, a set of rules for the guidance of the inspecting officers, by which the fitness or otherwise of buildings for human habitation was to be determined. These rules were, after due consideration, sanctioned by you for general adoption.

446. Later on, it was considered advisable to extend the operation of inspection to other parts of the city, and an addition to the sanctioned staff was made. The entire staff at present employed on the inspection and improvement of houses is as follows :—

Designation.	No.	Pay.	Conveyance allowance.	Total.
		Rs.		Rs.
Assistant Engineer	1	400	.....	400
Divisional Superintendent	1	250	50	300
Do. do.	1	180	50	230
Inspectors on Rs. 100 each	12	1,200	.....	1,200
Clerks on Rs. 30 each	6	180	.....	180
Laskars on Rs. 10 each	27	270	.....	270
		Total per mensem ... Rs.		2,580

447. At first, Surgeon-Lieutenant-Colonel K. R. Kirtikar was deputed to examine the houses in Kamathipura in conjunction with my Department, but after a while that officer reverted to his permanent duties under Government, on 1st January 1898, since which date the inspection of the houses has been carried out entirely by my Department.

448. The following districts are under examination, namely, Lower Colaba, the Fort, Dhobi Talao, Chakla, Mandvi, Umarkhadi, Dongri, Bhuleshwar, Kamathipura, First Nagpada, Second Nagpada and portions of Byculla, known as Agripada and Guzri Bazar.

449. In addition to exercising a general supervision over the work of the whole of the Inspection Staff, I have personally inspected almost all the houses in Dhobi Talao and Chandanwadi, also a few in the Fort, with the assistance of two of the Inspectors. The supervision over the rest of the staff has been made by the Assistant Engineer and the Divisional Superintendents. In addition to the systematic inspection of houses in the above districts, the examination of some of the more urgent cases in other parts of the city, has also been made.

450. The following statement shows the number of houses, &c., inspected, those found in need of improvement, and also those which were considered fit for demolition :—

DISTRICTS.	No. of blocks inspected.	No. of flats.	No. of rooms.	No. of Blocks requiring no improvement	No. of Blocks requiring improvement	No. of blocks to be demolished.
Colaba	113	250	1,003	...	89	24
Fort	92	433	1,057	...	90	2
Mandvi	530	1,834	8,713	...	514	16
Chakla	589	2,081	9,470	...	582	7
Dongri	213	468	2,752	...	161	52
Umarkhadi	61	151	1,214	...	52	9
Mazagon	54	73	611	1	31	22
Dhobi Talao	1,046	3,165	13,037	9	926	111
Bhuleshwar	74	274	1,082	...	74	...
Kamathipura	1,282	2,993	13,679	20	1,165	97
1st Nagpada	90	233	2,373	...	84	6
2nd Nagpada	240	634	3,464	36	193	11
Market	6	20	116	...	5	1
Fanaswadi	4	10	127	...	2	2
Kumbharwada	61	213	1,481	...	60	1
Khara Talao	3	9	54	...	2	1
Girgaum	3	7	24	...	1	2
Khetwadi	2	2	31	...	2	...
Tardeo	1	1	38	...	1	...
Chaupati	33	45	519	...	17	16
Walkeshwar	10	14	104	...	7	3
Mahaluxmi	13	13	156	...	6	7
Parel	11	21	288	...	10	1
Agripada	278	566	4,349	9	231	38
Byculla	56	116	1,023	...	47	9
Tadwadi	15	36	361	...	14	1
Mahim	2	3	8	...	...	2
Warli	4	5	182	...	4	...
Total ...	4,886	13,669	67,816	75	4,370	441

451. Every house in the district under inspection is carefully examined, and the improvements required to be made in it, noted. In the case of a house requiring improvement, a notice is served on the owner thereof calling upon him to carry out the required improvements, and informing him that if he fail to effect the improvements within the time fixed in the notice, the house would be closed. Only a few houses have, however, been vacated up to this time, owing to the approach of the monsoon and the difficulty experienced by the people in finding house accommodation. A great deal of patience and tact has to be exercised in this matter, lest the measures should fall harshly upon the house-owners and the tenants.

452. After the houses are inspected, the defects noted and the notices for improvement issued, the establishment abovementioned is required to see that the defects are properly remedied, and the improvements carried out in accordance with the requisitions.

453. The following statement shows the number of notices issued during the year under the different sections of the Government notification above mentioned and of the City of Bombay Municipal Act 1888 :—

DISTRICTS.	No. of notices issued intimating to the owners improvements necessary in the houses.	No. of notices issued under section 1 of Government notification No. 228-P of 10th February 1897, for closing the buildings for being not improved as required by the Municipal Commissioner.	No. of notices issued under section 1 of Government notification No 228-P of 10th February 1897, for closing the buildings incapable of improvement.	No. of notices issued under section 426 of the Municipal Act for the demolition of sheds.	No. of notices issued under section 380.	No. of sheds demolished.
Colaba	71	8	17	...	...	13
Fort	19	.....	...	...	...	...
Mandvi	59	.....	...	1	...	...
Chakla	101	12	...	...	...	...
Dongri	22	5	...	...	...	...
Umarkhadi ...	45	.....	...	...	...	...
Mazagaon ...	5	1	...	4	...	4
Dhobi Talao ...	82	9	24	36	7	30
Bhuleshwar ...	51	1	...	...	...	...
Kamathipura ...	133	18	39	10	...	10
1st Nagpada ...	30	.....	...	...	...	...
2nd Nagpada ...	24	8	...	...	...	...
Market	4	.....	...	...	...	...
Fanaswadi ...	2	.....	...	...	...	...
Kumbharwada ...	33	1	1	...	...	...
Khara Talao ...	...	1	...	...	...	...
Girgaum... ...	1	1	...	...	...	...
Khetwadi ...	2	.....	...	...	...	...
Chowpati ...	15	.....	...	10	...	...
Walkeshwar ...	10	.....	2	4	...	3
Mahaluxmi ...	4	.....	...	1	...	3
Parel	5	.....	...	...	...	...
Agripada ...	2	.....	7	11	...	...
Byculla	22	.....	...	2	...	...
Tadwadi... ...	9	.....	...	...	...	...
Total ...	741	55	90	79	7	68

454. For the service of these notices, the appointment of 4 notice clerks has recently been sanctioned by you. It may be stated, that although the total number of Improvement notices issued in case of insanitary houses in the districts already examined, is 741, little actual work has been executed owing partly to the absence of some of the house owners from Bombay, partly to the paucity of skilled labour and sudden rise in their wages and in the prices of some of the building materials. It is expected, however, that after the rains, the work of improvement will be more vigorously taken up. This is evidenced by the fact of several plans and proposals having already been received for approval and sanction.

455. Of the insanitary houses in respect of which notices have been served, 55 were declared incapable of improvement and closed during the year, 90 other houses of a similar character were caused to be vacated, but their demolition was deferred owing to the appointment of an Assessor to fix the values of the structures, not having been made by Government, in succession to Sir James Campbell on his assuming the office of Chairman of the Plague Committee. The appointment has now been made and the work of demolition has been resumed.

456. The following statement gives particulars of the houses demolished under sections 6 and 9 of the Government Notification and the amounts paid to their owners under the Government Assessor's awards :—

Consecutive Nos.	Names of parties.	House Nos.	Locality.	Amount paid.
				Rs. a. p.
1	Messrs. Niazkhan Meerajkhan and Hajikhan Meerajkhan.	21-25	Piru Lane	1,408 0 0
2	Mr. Piru Mahamad ...	34	Narayan Dabholkar Road.	410 0 0
3	Bai Pachubai, widow of the late Mr. Shaik Kadar Hakim.	17-19	Piru Lane	1,411 0 0
4	Mr. Nur Mahamad Sajanbhai Nalband.	59-69	Do.	775 0 0
5	His Highness Aga Sultan Mahamad Shah and Mr. Mowji Hirji.	71-83	Do.	1,155 0 0
6	Mr. Sayad Gulam Mahamad bin Sayad Imamoodin Rafai.	43-53	Do.	2,250 0 0
7	Bai Khatyjabai, widow of the late Mr. Suleman Latif.	43-45	Do.	1,050 0 0
8	Bai Khatyjabai, widow of Memon Abdul Satar Haji Jacob.	46-52	Do.	1,831 0 0
			Total Rupees...	10,290 0 0

457. In addition to the above, 63 huts or sheds, against which action was taken under sections 426 and 380 of the Municipal Act, have been demolished, either by this Department or by the owners themselves, at its instance.

458. The following statement shows in detail the compensation, &c., paid for huts and sheds demolished or destroyed under section 426 of the Municipal Act :—

Consecutive Nos.	Names of parties.	Hut or Shed No.	Locality.	Amount paid. Rs.	a.	p.
1	Mr. Naran Jesa and Bai Jethi, widow of Jesa Pitta Kharva.	8 & 5	Thakurdwar Road ...	189	0	0
2	Mr. Sambhu Bapu ...	1	Belvedere Road ...	67	0	0
3	Mr. Kondi Limba ...	9	Do. ...	82	0	0
4	Mr. Gangaram Ratnaji ...	26	Jundripada, Gowalia Tank Road.	50	0	0
5	Mr. Dhaku Raghu ...	28	Do. ...	70	0	0
6	Bai Bhimabai, widow of Balu Bapu Hilu.	...	Warli Road, near Love Grove Pumping Station.	22	0	0
7	Mr. Ramachandra Jiwaji Savant.	9	Gowalia Tank Road, Jundripada Hill.	60	0	0
8	Mr. Malka Kharva ...	23	DongarsiRoad ...	100	0	0
9	Mr. Hari Laxman ...	3	BelvedereRoad ..	63	0	0
10	Mr. Govind Sabaji ...	2	Do. ...	139	0	0
11	Mr. Baloba Shivaji ...	6 & 7-A	Gowalia Tank Road, Jundripada.	350	0	0
12	Mr. Bhiwa Dagdu ...	8-A	Belvedere Road ...	104	0	0
13	Messrs. Jadhav Kusha and Sakia Govind.	8	Do. ...	90	0	0
14	Bai Lakshmibai Bhowrin.	...	Warli Road, near Love Grove Pumping Station.	17	0	0
15	Mr. Kanoba Bhyroba ...	17	Gowalia Tank Road. Jundripada.	23	0	0
16	Bai Durgabai Haibati ...	18	Do. ...	23	0	0
17	Bai Mankubai, widow of Mahadu Kumbhar.	13 & 14	Do. ...	50	0	0
18	Bai Taya Palekarin, Bai Manjula, widow of Vithoo Mali and Ramchandra Jiwaji.	12	Gowalia Tank Road.	130	0	0
19	Mr. Dama Balu	7	Gowalia Tank Road, Jundripada.	84	0	0
20	Messrs. Hari Arsia and Rama Itoo.	31-B	Mahaluxmi Road ...	28	0	0
21	Mr. Ramji Balu	37	Warli Road, near Pumping Station.	20	0	0
			Carried over ...	1,761	0	0

Consecutive Nos.	Names of parties.	Hut or shed No.	Locality.	Amount paid.		
				Rs.	a.	p.
			Brought forward .	1,761	0	0
22	Mr. Ganu Rajaram ...	20	Bhusaval Street ...	100	0	0
23	Mr. Vishnu Gopal ...	4	Belvedere Road ...	59	0	0
24	Mr. Abdul Karim Munshi.	25	Karelwadi, Thakurdwar.	150	0	0
25	Bai Makubai, widow of Sadu Vishnu.	6 & 7	Malabar Hill, Chowpati.	160	0	0
26	Mr. Tukaram Hanmati ...	27	Gowalia Tank Road, Jundripada.	27	0	0
27	Messrs. Kachra Amir, Sajan Naran, and Bai Kadvibai, widow of Naran Hardas.	6	Nakhoda's Oart at the Junction of Thakurdwar Road and Queen's Road.	42	4	2
			Total Rs. ...	2,299	4	2

459. It is gratifying to note that the owners of some of the destroyed chawls have started the construction of new ones on approved plans. A few of these chawls have already been completed and the rest are under construction.

460. Where improvements are to be effected, ample time is given so as to give facilities to the tenants either to shift from one part of a house to another or to clear out of it altogether, and also to enable the landlords to carry out the work effectually and economically.

461. A great deal of tact, patience, and discretion has to be used by the inspecting staff in the examination of the houses, lest any step on their part should give offence to the religious feelings or interfere with the social customs of the people, and I am glad to say that no complaint has been received against any of my staff, although up to the time of drafting this report, no less than 5,000 buildings have been inspected and reported on.

462. The difficult and perhaps the more unpleasant task, however, yet remains, namely, of enforcing the improvements and of closing the houses, should the owners fail to carry out our requisitions.

463. In this connection it may be stated that one great problem to be solved is how and where the people who may be turned out of the insanitary houses are to be accommodated. The vacation of one house necessarily involves the overcrowding of another, and therefore until much more dwelling accommodation is provided, either by the owners of the numerous mills, by private individuals or by the City Improvement Trust, which is about to be created, the work of the vacation of houses will have to be done so as to inflict the least hardship upon the poor tenants.

464. The following statement shows the works executed under the supervision of the Architectural Surveyor in connection with the suppression of the Plague :—

Consecutive Nos.	Name of work.	The work entrusted to	The date of commencement.	The date of completion.	Total expenditure.		
					Rs.	a.	p.
1	Constructing quarters for Nurses at Arthur Road Hospital.	Departmental ...	January 1898 ...	February 1898 ...	1,860	12	4
2	Constructing five wards outside the compound and quarters for servants at Arthur Road Hospital.	Do. ...	February 1898 ...	March 1898 ...	5,033	0	0
3	Constructing wards inside the compound at Arthur Road Hospital.	Do. ...	January 1898 ...	February 1898 ...	1,434	13	3
4	Constructing sheds at Byculla...	Do. ...	February 1898 ...	March 1898 ...	485	1	8
5	Constructing sheds at Arthur Crawford Markets ...	Do. ...	January 1898 ...	February 1898 ...	1,092	0	11
6	Constructing sheds near the old B. B. & C. I. Railway Station, Colaba.	Do. ...	February 1898 ...	March 1898 ...	981	8	7
7	Constructing sheds at Victoria Bundar	Do. ...	January 1898 ...	February 1898 ...	1,578	14	7
8	Repairs to Nurses quarters at Arthur Road Hospital	Do. ...	March 1898 ...	March 1898 ...	612	4	8
9	Constructing sheds and Hospital at Bandora ...	Do. ...	February 1898 ...	Do. 1898 ...	652	12	6
10	Constructing glazed windows in Arthur Road Hospital.	Do. ...	January 1898 ...	February 1898 ...	309	6	0
11	Constructing sheds for malis in the Victoria Gardens..	Messrs. Devram Keshawji & Co.	Do. ...	Do. ...	1,256	10	6
12	Providing 4 corrugated iron sheets partitions at Haines Road Cemetery.	Do. ...	Do. ...	Do. ...	204	0	4
				Total ... Rs.	15,501	5	4

LIST OF MUNICIPAL PROPERTIES.

465. Subjoined is a list of Municipal properties, corrected up to 31st December 1897. This statement is made as complete as practicable from the imperfect materials, at my disposal, from the records of this office and of those of other departments.

LIST OF PROPERTIES BELONGING

466. The following statement gives the Particulars of Municipal

Ward

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
1	28 A	18A	9699	215	Colaba Road between Magdala and Nepean Streets.	Fountain	Water ..
2	218	100	9675	212	Upper Colaba ..	Police-chowkey	Police ..
3	674 and 675	59 and 61	9569	206	Gun Carriage Lane..	Well, dipping well and cattle-trough.	Water ..
4	225 (2)	12A	9669	206	Wodehouse Road ..	Land (metal depôt) ..	Road ..
5	269 and 270	365A & 365B	9663	206	Colaba Road (adjoining Gun Carriage Factory).	Stand-pipe	Water ..
6	825 (1),(2), 826, 827 (1), (2), (3) & (4).	2, 4, 6, 8, 10, 10A, 12, 14, 14A, 14B & 14C	9662	205	Colaba ..	Biggaries' chawls, Sub-Inspector's quarters, latrines, &c.	Health ..
7	874 (2)	30 A	9560	205	Do. ..	Latrines	Do. .. ..
8	531	6	9561	205	Colaba Causeway ..	Cattle-trough	Water .. ..
9	886 (2)	16A	9561	202	Esplanade Road ..	Wellington fountain, with 6 cattle-troughs.	Do. .. ..
10	1058 (2)	49A	9313	190	Custom House Road	Cattle drinking trough and stand-pipe	Do. .. ..
11	1058 (2A)	49B	„	190	Do. ..	Seven-seated urinals ..	Health .. ..
12	1196 (2)	6A	„	195	Forbes' Street and Rutherfield Street.	Stand-pipe	Water .. ..
13	1356 (1)	25-26	9322	190	Elphinstone Circle..	Elphinstone Circle Gardens, a large ornamental fountain.	Garden and water.
14	1356 (2)	26B	„	190	Do. ..	Bai Mankuverbai stand-pipe and cattle-trough.	Do. ..
15	1445 (2)	33	9344	190	Kavasji Patel Street.	Stand-pipe	Do. ..
16	1573 (2)	13	9326	190	Homji Street.. ..	Urinals	Health .. ..
17	1808 to 1811	2 to 12 & 79 to 83	8908, 8909, 8910&8911	181	Hornby Road and Gunbow Street.	Fire Station, quarters for Foreman, Engineer and Lascars.	Fire Brigade ..
18	1817	24	8901	181	Gunbow Street ..	Drinking fountain ..	Water .. ..
19	1845	92	9109	190	Gunbow Street, near Borah Bazar Street.	Cattle-trough (Gunbow) and stand-pipe.	Do. .. ..
20	1855	126	9243	190	Gunbow and Bazar Gate Street.	Wadia fountain with clock tower.	Do. .. ..
21	1860 (1)	42, 6, 11	9308	191	Mint Road and Fort Street.	Fort Market	Market .. ..
22	1943 (2, 2A, & 3B)	23 A & B	9480	180	Mint Road	Land and Ward Offices ..	Road .. ..
23	1948 (3)	....	9300	180	Do.	Stand-pipe	Water .. ..
24	1965	86	8542	180	Do.	Well (square 7½′ × 6½′) ..	Do. .. ..
25	2000	45	9298	180	Modi Street at the junction of Agiari Lane.	Well at the junction of Agiary Lane (8½′ × 8½′).	Do. .. ..
26	2007	323	8521	180	Modi Street at the junction of Manordas Street.	Well (square 9½′ × 8½′=8·97 sq. yards.)	Do. .. ..

TO THE MUNICIPALITY.

Properties, their locality, description, estimated value, &c.:—

A.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 50	Rs. 924	Sq. yds. 82·87	1854	Public use..	Used for the same purpose.	Rs. Nil.	Dipping well built by Sir Jamsetji Jejeebhoy in 1832 closed and fountain erected.
1,000	6,058	486·88	G.R. 3661 / 20-7-78	Police ..	Do.	Rs. 8 per month.	
..	2,000	95·00	1854	Public use..	Do.	Nil.	Dipping well and cattle-trough not now supplied with water; stand-pipe erected.
..	6,110	1,222·00	G.R. 4062 / 28-11-78	Do. ..	Do.	Nil.	A yearly rental of Re. 1 to be paid to Government subject to resumption without compensation on three months' notice.
50	1,152	100·00	1854	Do. ..	Do.	Nil.	Dipping well No. 35 closed and stand-pipe erected.
9,220	25,080	1,546·00	1846	Health Dept.	Do.	Nil.	Government Resolution No. 18004 / 2331 C. W. of 1866.
..	2,224	172·44	1846	Public use..	Do.	Nil.	
..	720	42·00	Not known.	Do.	Do.	Nil.	
5,000	8,000	291·34	1867	Do.	Do.	Nil.	Cattle-troughs not in use.
100	500	9·00	1883	Do.	Do.	Nil.	
850	850	17·70	1894	Do.	Do.	Nil.	
100	1,840	24·00	1894	Do.	Do.	Nil.	Well No. 32 closed and stand-pipe erected.
..	3,50,000	12,337·00	27-12-62	Do.	Do.	Nil.	
..	1,000	16·00	1880	Do.	Do.	Nil.	
60	6,383	94·00	1854	Do.	Do.	Nil.	This was made over (Government proclamation of 11-4-54 and Sec. VI of Act XIV of 1843). Dipping well No. 30 closed and stand-pipe erected.
868	868	7·00	1895	Do.	Do.	Nil.	
..	16,378	291·00	4-7-85, 2-2-87	Fire Brigade	Do.	Nil.	
..	100	21·77	Not known.	Public use..	Do.	Nil.	Near Fire Brigade.
100	500	2·15	Do.	Do. ..	Do.	Nil.	
..	19,451	164·00	1884	Do. ..	Do.	Nil.	
1,14,520	20,066	2,114·00	1868	Do. ..	Do.	9,131-12-0	
47,600	58,700	1,389·00	Not known	Municipal Chaukey, &c.	Do.	Nil.	Out of this area 974 sq. yds. are to be sold.
50	5,983	65·00	Do.	Public use..	Do.	Nil.	Well No. 21 closed. Temporary stand-pipe erected.
..	339	4·64	Do.	Do. ..	Do.	Nil.	
..	440	8·02	Do.	Do. ..	Do.	Nil.	
..	180	8·00	4-9-72	Do. ..	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
27	2060	138	8574	160	Modi Street (180 feet north of Agiari Street).	Land	Road .. ..
28	2163 (1)	353 & 41 to 47	8484	161	Fort Street	Bazar Gate Police Station .	Police .. ..
29	2377 (1)	175	8471	181	Hornby Road ..	Bazar Gate Garden ..	Garden .. ..
30	2400	75	9131	181	Bamanji Lane ..	Well	Water .. ..
31	2631	63	8490-91	180	Fort Street, junction of Mint Road.	Do.	Do. .. ..
32	2664, 2665, 2666 (1 to 8)	4 to 44, 46, 48, 50 to 90	9310	180	Cochin Street ..	Chawls, milch-cattle stables and latrines.	Health .. ..
33	3219 (2)	183 A	8478	159	Hornby Road, junction of Paltan Road.	Drinking fountain .	Water ..
34	3226 (1-1 A) & 3226 (2) to (10), 3227, 3228(1) 3422, 3423(1)& (2), 3229 (1), & 3719 (1) (2)	197, 1, 2, 3, 4, 28, 29, 56, 199, 49, 49A	8474 and 8473	150, 159	Hornby Road, Carnac Road and Paltau Road.	(a) A.C. Markets, Supdt.'s Quarters and other Buildings, etc.; (b) Two large ornamental fountains.; (c) Beef Market and (d) Poultry & Birds Market, &c.	Market and Water.
35	3293 to 3300, 3430 (1) (2), 3431 to 3434.	110 to 124, 3 to 9, 1	5 / 8473	175	Hornby Road and Cruickshank Road.	Municipal Offices ..	Executive Engineer's.
36	3332 (1), (2), & (3), 3334(1-2), 3335 (1-2), 3336 (1-2-3), 3337, 3338, 3339, (1-2), 3340, 3341, 3342.	7,7A, 9, 11, 1, 1A, 2, 2A, 2B, 3, 4, 5, 6 to 10, 11, 12, 7B-1A4	8476 and 8475.	159	Paltan Road ..	Municipal Workshops and Bungalow, Beehive Refuse Destructor, &c. (including Store Yard), Land and Mukadum's quarters.	Workshops ..
37	3343(1-2), 3344, 3345, 3346, 3347, 3348, 3349, 3350 (1 - 1A - 2), 3351, 3352(1).	13, 13A, 15, 17, 17A, 19, 21, 23, 25, 26A, 1, 1A, 1B, 2, 27, 27A.	8475 and 8476.	159	Do. ..	Health Department Ward offices, chawls, stables, urinal, latrines, &c.	Health ..
38	3353(2)	1	8475	161	Carnac Road, junction of Cruickshank Road.	Cawasji Jehangir drinking fountain.	Water ..
39	3488	75	Nil.	180	Esplanade Rd. near Church Gate St.	(a) Frere fountain and (b) with surrounding garden	(a) Water and (b) Road.
40	3499	40, 29	8451	189	Esplanade and Mayo Roads.	(a) Queen's statue and (b) with surrounding grass.	Road ..
41	1162(2)	8A	8486	195	Esplanade Road ..	(a) Prince of Wales' statue and (b) with surrounding grass.	Do. ..

Ward A—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs. a. p.	
....	489	6·30	....	....	....	Nil.	This well (circular dia. 8½') is closed on 26th Feb. 1896 as per Municipal Secretary No. 13427 of 13th February 1896 and ground added to the roadway.
16,000	19,903	152·00	....	...	....	Rs. 90 per month.	
....	1,83,614	3,672·28	....	Public use.	Used for the same purpose.	Nil.	
....	522	24·20	....	Do. ..	Do. ..	Nil.	
100	6,139	114·20	....	Do. ..	Do. ..	Nil.	
35,000	37,382	218·33	1874	Do. ..	Do. ..	Nil.	1,736 square yards taken over from Port Trustees in exchange for 989 square yards site of old market on 11th Dec. 1873 : 585 square yards leased from the Port Trustees for 99 years from 1st Jan. 1874 at yearly rent of Re. 1 per square yard. Leased on 11th Dec. 1873 433+2,600 square yards purchased at Rs. 10 per square yard on 24th Sept. 1874 and 30th Sept. 1885 respectively. Government Resolution No. $\frac{227}{1087}$ C. W. of 28th May 1872, Public Works Department.
..	400	6·50	....	Do. ..	Do. ...	Nil.	
11,18,412	23,40,409	29,980·00	1885	Market ..	Do. ..	89;518 14 8	Water not laid on to the fountain inside the Vegetable and Fruit Market.
11,19,969	12,90,000	6,000·00	1888	Municipal Office.	Do. ..	Nil.	Government Resolution No. $\frac{691\ C.W.}{1605}$ of 18th Oct. 1883.
1,40,379	4,88,441	15,183·02	1867	Municipal Building.	Do. ..	Nil.	
72,320	8,70,207	12,607·71	1867	Do. ..	Do. ..	Nil.	Govt. Resolution No. $\frac{1521\ C.W.}{2506}$ of 9th December 1885, making over land for stabling at 1 pie per yard.
..	400	7·10	....	Public use.	Do. ..	Nil.	
..	11,762	890·20	1867	Do. ..	Do. ..	Nil.	
..	1,80,000	1,071·00	G. R. 3287 / 20-8-85	Do. ..	Do. ..	Nil.	
..	1,35,300	100·00	1882	Do. ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
42	3505	10	8452	183	Mayo Road ..	Police chowkey	Police ..
43	3707 (1) 3707 (3)	7 7B	8473	161	Carnac Road .. Do. ..	Nakoda tank with land .. Land ..	Water .. Road ..
44	3721 (1), (2), 3722 (1) & 3724	52, 53A, 1, 2, 57	8475 &8480	151	Do. ..	(a) Night-soil pumping station engine house and (b) other buildings.	Health & Drainage.
45	3489 (2)	77 A	8463	189	Esplanade and Hornby Roads.	Fountain	Water ..
46	1807 A	8	Nil.	180	Barrack Street ..	Urinals	Health ..
47	2377 (4)	6	8471	181	Fort Street	Do.	Do. ..
48	3705 (A)	111A	8452	161	Marine 1st Street ..	Do.	Do. ..
49	1068 (3)	49C	9313	190	Custom House Road.	3 seated latrines	Do. ..
50	3421 (2)	2A	8475	159	Paltan Road.. ..	Latrines (south of A. C. Markets).	Do. ..
51	23A	8A	9609	215	Beach Road, Colaba.	Well	Water ..
52	1892 (1A)	2AA	8480	180	Frere Road and Mint Road.	Rutansi Mulji fountain and cattle trough.	Do. ..
53	866 (2)	11A	9561	203	Apollo Bandar ..	Drinking fountain	Do. ..
54	2163	853A	8484	181	Bazar Gate Street near the Police Station.	Do. ..	Do. ..
55	2163 (3)	....	8484	181	Bazar Gate and Fort Streets.	Land	Road ..
56	2377 (1B)	175	8471	175	Bazar Gate Garden..	Ornamental fountain ..	Water ..
57	464	190B	9566	206	Colaba Road near Jute Mill.	Stand-pipe	Do. ..
58	1058 (1)	49	9313	194	Custom House Road.	Drinking fountain.. ..	Do. ..
59	3421 (3)	2B	8475	159	Paltan Road	Urinal	Health ..
60	2377 (1A)	4	8471	175	Fort Street	Do.	Do. ..
61	3719 (3)	49B	8474	160	Junction of Carnac and Paltan Roads..	Do.	Do. ..
62	1932 (2)	1A	8480	180	Karwar Street ..	Do.	Do. ..
63	1860 (2)	6A	9308	180	Mint Road	Do.	Do. ..
64	4 (2)	4A	9699	215	Beach Road	Vacant land..	Do. ..
66	225 (6)	12E	9669	206	Wodehouse Road ..	Wooden chowkey	Road ..
66	821	27	9662	....	2nd Coll Lane ..	Land	....
67	825 (2)	10A	....	....	Do. ..	Do.	....
68	827 (4)	14C	....	....	Do. ..	Do.	....
69	420	59	9571	205	Colaba Road in the compound of the Colaba Land and Mill Company.	New Market..	Superintendent of Markets.
70	596 (1)	38, 40	9571	205	Thomas Street ..	Fire Brigade Station ..	Fire Brigade ..
71	657	3, 5	9570	205	Edulji Street ..	Land forming part of road	Road ..
72	1057 (2)	47A	9313	190	Custom House Road.	Chowki	Do. ..
73	1595 (A)	1A, 2A	9309	190	Bazar Gate Street, Mint Road.	Chowki for drainage sluicemen.	Drainage. ..
74	2907 (2)	319A	8484	1	Frere Road	Shed for Drainage Dept..	Do. ..
75	3100	7	8480	....	Uran Street.. ..	Night soil Depôt	Health .. ..
76	3228 (2)	56A	8474	160	Hornby Road ..	Urinary	Do. .. ..

Ward A—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.					
1,000	7,171	116·67	G. R. 37 C. W. 118 of 14-3-78.	Police ..	Used for the same purpose.	Rs. 8 per month.	
..	4,10,000	6,889·79	G. R. 443 1546 C. W. of 23-12-79.	Public use..	Do. ..	Nil.	
..	....	....					
44,355	54,954	1546·77	1868	Drainage ..	Do. ..	Nil.	
..	250	3·60	18-10-92	Public use..	Do. ..	Nil.	
..	60	7·20	Do. ..	Do. ..	Do. ..	Nil.	
..	360	3·5	Do. ..	Do. ..	Do. ..	Nil.	
410	416	6·00	1892	Do. ..	Do. ..	Nil.	
..	900	14·23	Do. ..	Do. ..	Do. ..	Nil.	
190	2,636	94·30	G.R. 60 C.W. 144 of 1-2-84	Do. ..	Do. ..	Nil.	
..	1,596	139·62	Proclamation of 1854.	Do. ..	Do. ..	Nil.	
..	23,000	140·00	Not known.	Do. ..	Do. ..	Nil.	
..	200	11·00	Do. ..	Do. ..	Do. ..	Nil.	
..	150	·33	Do.	Do. ..	Do. ..	Nil.	
..	1,308	32·70	....	....	....	....	
..	500	17·00	Not known.	Public use.	Used for the same purpose.	Nil.	Water not laid on to this fountain.
..	100	·44	Do.	Do.	Do. ..	Nil.	Land was the site of the former dipping well, which was filled up and added to the road. There is a stand-pipe further on now.
..	100	1·77	Do.	Do.	Do. ..	Nil.	
..	700	1·5	Do.	Do.	Do. ..	Nil.	
..	850	13·4	Do.	Do.	Do. ..	Nil.	
..	500	4·66	Do.	Do.	Do. ..	Nil.	
..	500	4·00	Do.	Do.	Do. ..	Nil.	
..	400	11·88	Do.	Do.	Do. ..	Nil.	
..	....	431·78	Brigadier General No. 578 of 28-4-77.	....	....	....	
75	75	8·2	1894	Road ..	Do. ..	Nil.	
..	....	....	..	....	....	....	
..	....	....	....	....	....	....	
..	....	....	....	....	....	....	
41,827	41,827	925·00	1895	Market ..	Used for the same purpose.	1,500	
23,445	23,445	742·00	1894	Fire Brigade	Do. ..	Nil.	
2,963	....	45·8	1889	Road ..	Do. ..	Nil.	
75	75	8·2	1891	Do. ..	Do. ..	Nil.	
..	....	....	....	....	....	....	This is a temporary shed put up in monsoon and then removed.
..	....	....	....	....	....	....	This is a temporary shed.
400	400	226·00	....	N. S. Depot.	Used for the same purpose.	....	On Port Trust ground.
..	500	17	....	Public use..	Do. ..	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
77	3718 (3)	19 B	8473	150	Carnac Road June. of Hornby Road.	Water-drinking fountain.	Water .. ..
78	2721 (2)	53A	8476	....	Carnac Road ..	Lascars' quarters ..	....
79	1037 (A)	3A	1559	193	Custom House Road.	8-seated urinal	Health .. ..
80	1356 (1 A)	28A	9322	190	Elphinstone Circle Garden.	Do.	Do. .. ..
81	1033 (2)	68A	9523	194	Dalal Street ..	Do.	Do. .. ..
82	3423 (2)	6A	8475	150	Paltan Road ..	Do.	Do. .. ..
83	574 (1),(2),(3) & (4)	17,17 A, 17 B & 17 C	9560	205	Colaba..	Air Compressor Station, Engineer's quarters, &c.	Drainage ..
84	2377 (5)	7	8471	175	Junction of Fort and Hornby Roads.	Dr. Blaney's statue. ..	Executive Engineer.
85	1221 (2)	12A	9472	195	Bell Lane	Urinal	Health .. ..
86	689	24	9570	205	Hamal Street ..	Vacant Land	Road .. ..
87	1673	10	9573	189	Nanabhoy Lane ..	Land and Structure ..	Road&Building
88	....	....	....	....	Wellington Pier ..	Latrines, 5-seated	Health .. ..
89	111 (2)	71A	9698	214	Colaba Road near Pilot Road.	Well	Water .. ..
90	....	....	....	....	June. of Esplanade and Hornby Road	Drinking Fountain ..	Do. .. ..
91	....	....	....	....	Customs House Bunder.	Do. ..	Do. .. ..

Ward A.—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	425	7	1800	Public use..	Used for the same purpose.	....	This is removed from Mumbadevi and fixed here.
..	....	....	....	....	....	....	
..	350	5·36	1895	Public use..	Used for the same purpose.	Nil.	
1,665	500	6·66	1893	Do. ..	Do. ..	Nil.	
..	400	6·66	1893	Do. ..	Do. ..	Nil.	
620	620	....	1895	Do. ..	Do. ..	Nil.	Demolished.
1,25,276	1,25,276	2537·00	1893	Pumping Sewage.	Do. ..	Nil.	
..	16,000	40	1894	....	....	Nil.	
400	405	2·66	1896	Public use..	Used for the same purpose.	Nil.	
..	....	82·36	1896	Proposed Road.	To be utilized hereafter.	Nil.	
..	516-7-11	7·53	1897	Street improvement.	Reserved for the purpose.	30-15-10	The property leased conditionally on annual rental.
..	....	.. .	....	Public use..	Used for the same purpose.	....	Temporary.
..	5014	498·83	1854	Do. ..	....	Nil.	At present covered up.
..	150	....	....	....	....	....	
..	....	....	....	....	....	....	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
92	456	114	2055	135	Chuckla Street ..	Stand-pipe	Water .. ..
93	736 (2)	79A	2170	135	Dhobi Street ..	Urinals	Health .. ..
94	789 (2)	50A	2098	136	Nagdevi Street ..	Stand-pipe	Water .. ..
95	799 (2)	4A	2108	136	Bibijan Street ..	Urinals	Health ..
96	900 (2)	108A	2108	136	Narayan Dhuru St.	Do.	Do. ..
97	922 (2)	2A	2100	136	Do. ..	Do.	Do. ..
98	925 (2)	8A	2101	136	Do. ..	Do.	Do. ..
99	952 (2)	46A	1280	136	Nakhoda Street ..	Do.	Do. ..
100	960	42	1268	136	Kolsa Street ..	Partly used as a Fire Brigade Station.	Executive Engineer.
101	2179 (1). 961, 962	44, 46, 11	1267	136	Do. and Parel Road.	Pydhoni Police Station ..	Police .. .
102	1050, 1051 (1)	393	2712	125	Dongri Street ..	Keshuvji Naik's fountain and cattle-trough with clock tower.	Water .. .
		395,397(2&4)	2711	125	Do. and Chinch-bundar Rd.	Land	Road .. ..
103	1171 (1)	311	2652	134	Dongri Street ..	Police Chowkey (Musjid Bridge).	Police .. ..
104	1187(2),1187(3)	1A, 1B	2439	151	Do. and Coll Lane.	Land	Road .. ..
105	1170 (2)	309A	2651	134	Road to Masjid Station.	Land for Fire Brigade Station.	Do. .. ..
106	1235 (2)	3A	2641	134	Do. ..	Stand-pipe	Water .. ..
107	1654	228	2833 (2)	125	Samuel Street ..	Do. ..	Do. ..
108	1303 (2)	13A	2251	135	DeSouza Street ..	Urinals, three	Health .. ..
109	2179 (2)	11A	1267	136	Parel Road, Bhendi Bazar.	Pydhoni reservoir ..	Water .. ..
110	2426 (2)	611A	3099	103	Memonwada Road ..	Latrines	Health .. ..
111	2471 (2)	416A	3093	124	Do. ..	Urinals	Do. ..
112	2502 (2)	498A	3077	124	Do. ..	Do.	Do. ..
113	2523	566	3072	103	Do. ..	Well	Water .. ..
114	2603 (2)	249A	2993	124	Kambekar Street ..	Urinals	Health .. ..
115	2704	575 & 106	3090	124	Junc. of Jakaria Mosjid and Old Nagpada Road.	Latrines and urinals ..	Do. ..
116	3071	702	3167	101	Dongri Street ..	Stand-pipe	Water .. ..
117	3617 (1)	35	3658	102, 103	Babula Tank Road..	Babula tank	Do. .. ..
118	3617 (2)	35A	.. 2	102	Do. ..	Urinals, two	Health .. ..
119	4306 (2)	17A	3837	91	Valpakhadi ..	Latrine	Do. ..
120	4731 (3)	53A	3186	133	Argyle Road ..	Urinals, two seats ..	Do. ..
121	4731 (3)	53B	..	133	Do. ..	Do. do. ..	Do. ..
122	4731 (4)	53C	..	127, 133	Do. ..	Do. do. ..	Do. ..
123	4731 (5)	53D	..	127	Do. ..	Do. do. ..	Do. ..
124	4877	54	3186	125	Clive Road.. ..	Customs Office, Tobacco ..	Customs ..
125	5317 (2)	27A	..	133	Surat Street ..	Urinals, two	Health ..
126	5347 (3)	27B	..	133	Do. ..	Do.	Do. ..
127	5347 (4)	27C	..	132, 133	Do. ..	Do.	Do. ..
128	5354 (2)	34A	..	132	Do. ..	Do.	Do. ..

Properties—Ward B.

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
50	2,666	21·58	Govt. proclamation. 11-4-54.	Public use..	Used for the same purpose.	....	Dipping well closed and stand-pipes erected.
..	150	3·00	..	Do. ..	Do. ..	....	
50	706	18·00	Govt. proclamation. 11-4-54.	Do. ..	Do. ..	....	Well closed and stand-pipe erected.
..	150	1·38	..	Do. ..	Do. ..	....	
505	505	1·25	1894 ..	Do. ..	Do. ..	....	
..	150	0·83	..	Do. ..	Do. ..	....	
..	40	0·83	..	Do. ..	Do. ..	....	
..	150	3·45	..	Do. ..	Do. ..	....	
1,031	9,156	72·50	In 1883-84 and 1890-91.	Fire Brigade	Do. ..	21	Rented to Mr. Haji Ali Jan Mahomed at Rs. 21 per month.
24,000	32,549	283·96	1880 ..	Police Stn. .	Do. ..	21	A portion, formerly in charge of Fire Brigade station, rented to Mr. Abubakar Haji Mahomed at Rs. 21 per month.
25,000	25,000	69·64	18·6 ..	Drinking Fountain.	Do. ..	....	
..	....	130·00	..	Road improvement	Do. ..	....	
1,500	6,675	63·11	..	Police Chowkey.	Do. ..	....	
6,811	9,778	210·00	..	Part of Old Road.	Vacant ..	....	Land used for storing road materials
4,890	14,856	495·22	..	Fire Brigade	Do. ..	....	Do. do.
50	6,979	220·00	..	Public use..	Used for the same purpose.	....	Dipping well closed and stand-pipe erected.
50	492	9·2	Govt. proclamation. 11-4-54	Do. ..	Do. ..	....	Dipping well closed and stand-pipe erected.
..	450	5·27	..	Do. ..	Do. ..	....	Removed and two-seated trough pattern urinal is under construction in its place.
1,000	22,968	35·27	..	Do. ..	Do. ..	....	
..	2,150	59·00	..	Do. ..	Do. ..	....	Removed and new ones are being constructed.
..	150	1·71	..	Do. ..	Do. ..	....	
.	40	1·00	..	Do. ..	Do. ..	....	
..	500	51·82	..	Do. ..	Do. ..	....	This well is claimed by Messrs. Dadabhoy and Cowasji Pallonji Chowna, as their property.
..	150	1·50	..	Do. ..	Do. ..	....	
2,249	2,250	105·83	1894 ..	Do. ..	Do. ..	....	
50	1,919	40·48	..	Do. ..	Do. ..	....	Dipping well converted into a stand-pipe.
..	1,44,008	..	Govt. proclamation. 11-4-54.	Do. ..	Do. ..	....	Partly filled in and a Fire Brigade station and quarters for Chief Inspector and sluicemen, water works, erected on the reclaimed ground.
..	800	2·33	..	Do. ..	Do. ..	....	
..	1,500	41·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	....	
..	150	2·77	..	Do. ..	Do. ..	....	
2,000	3,163	105·00	11-5-86 ..	Tobacco office.	Do. ..	....	
..	280	1·52	..	Public use..	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	
..	150	2·44	..	Do. ..	Do. ..	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
129	3677 3680	675-87	3184	101-125	Dongri Street ..	Land for making road and structure.	Building. ..
130	1074 (2)	185A	2688	125	Chinch Bandar Road.	Land	Do. ..
131	1871 (2)	274	2306	135	Janjikar Street ..	Urinal	Health ..
132	2033 (2)	40A	2571	134	Bardan Street ..	Do.	Do. ..
133	2040 (4) 2040 (5)	67C & 67D	2640	134	Narrow Street ..	Do.	Do. ..
134	1633 (2)	136A	2222	134	Samuel Street ..	Do.	Do. ..
135	2059 (2)	1A	2910	124	Dontad Cross Lane...	Urinals, two	Do. ..
136	1070 (2)	163A	2701	125	1st Chinch Bandar Road.	Drinking fountain ..	Water ..
137	3091 (5)	16A	3647	101	Jail Road, North ..	Urinals, four	Health ..
138	4278 (2)	229 A	3632	91	Mazagon Road ..	Stand-pipe	Water ..
139	4724 (2)	23A	3186	133	Argyle Road ..	Cattle-trough and stand-pipe.	Do. ..
140	5329 (3)	41A	3186	133	Masjid Bandar Bridge North.	Do. do. ..	Do. ..
141	5345 (2)	70 (A)	3186	133	Do. South.	Stand-pipe	Do. ..
142	4307 (2)	1A	3183	91, 92	Mazagon and Wadi Bandar Roads.	Vacant land for 48" pipe line.	Do. ..
143	5386 (2)	71A	3186	133	Broach Street ..	Urinals	Health ..
144	5338 (2)	22A	3186	133	Musjid Bridge Road.	Do.	Do. ..
145	5338 (3)	22B	3186	133	Do. ..	Do.	Do. ..
146	5338 (4)	22C	3186	132	Do. ..	Do.	Do. ..
147	5551 (2)	1A	3186	152	Carnac Central Road	Latrine	Do. ..
148	713 (2A)	58A	2092	135	Bhajipala Street ..	Urinal, 2-seated	Do. ..
149	1628 (2)	1A	2251	150	Old Bangalpura St.	Do.	Do. ..
150	2091 (2)	310A	2428	151	Carnac Road ..	Tank	Do. ..
151	2037 (2)	19	2276	135	1st Kumbharwada Cross Lane.	Urinal	Do. ..
152	1459 (2)	1A	2430	150	Jambli Street ..	Do.	Do. ..
153	82 (3)	357B	2107	136	Abdul Rhaman St., Allahbag.	Drinking fountain ..	Water ..
154	84 (2)	131A	1986	150	Do. in front of Mr. Haji Kasam's House.	Do. ..	Do. ..
155	5329 (3)	41B	3186	151	Carnac Siding Road.	Cattle-trough (Dharsi Nanji)	Do. ..
156	4732	55	3186	127	Argyle Road ..	Drinking fountain (Dharsi Nanji's)	Do. ..
157	4978	55	3186	127	Malot Road ..	Stand-pipe with cattle-trough.	Do. ..
158	4966	1	3186	126	Do. ..	Cattle-trough	Do. ..
159	4978	55	3186	126	Elphinstone Bridge Road, North.	Stand-pipe with cattle-trough.	Do. ..
160	4985	100	3186	126	Clive Road ..	Stand-pipe	Do. ..
161	3060	640	3155	101-125	Dongri Street near Samuel Street Jn.	Water Tank	Do. ..
162	1051 (2)	509	3179 & 80	125	Dongri Street ..	Urinals	Health ..
163	2803 (3)	97B	3119	124	Pandel Street ..	Do.	Do. ..
164	6345 (3)	70 B	..	134	Musjid Bridge, South	Do. 2 seats	Do. ..
165	3065	665-669	3172	101-125	Dongri Street ..	Land	Road ..
166	3676	671-673	3172	101	Do. ..	Do.	Do. ..
167	3681	689-691	3172	101	Do. ..	Do.	Do. ..
168	1235 (2A)	3B	2641	134	Musjid Station Road	Chowki	Do. ..
169	1586 (2)	57A	2505	134	Samuel Street ..	Urinal	Health .. ..
170	2091 (3)	310B	2428	151	Carnac Road ..	Latrines	Do. ..

Ward B—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
25,530	30,350	376	24-6-85 ..	Road-making.	Used for the same purpose.	Nil.	
3,630	15,092	376·68	..	Portion of old road.	Vacant ..	....	
..	40	1·17	..	Public use.	Used for the same purpose.	....	
..	40	1·93	..	Do. ..	Do. ..	....	
..	40	1·50	..	Do. ..	Do. ..	....	
163	150	3·03	1892 ..	Do. ..	Do. ..	....	
..	500	5·10	..	Do. ..	Do. ..	....	
..	1,000	3·14	..	Do. ..	Do. ..	....	
..	600	7·65	..	Do. ..	Do. ..	....	
..	50	3·51	..	Do. ..	Do. ..	....	
..	300	33·67	..	Do. ..	Do. ..	....	
..	560	10·00	..	Do. ..	Do. ..	....	
..	560	10·00	..	Do. ..	Do. ..	....	
..	7,933	..	..	Laying 48" water main	Do. ..	....	
719	280	4·16	..	Public use..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	280	4·16	..	Do. ..	Do. ..	....	
..	800	25·00	..	Do. ..	Do. ..	....	
..	280	4·37	..	Do. ..	Do. ..	....	
..	280	1·00	..	Do. ..	Do. ..	....	
..	280	1·16	..	Do. ..	Do. ..	....	
..	280	0·76	..	Do. ..	Do. ..	....	
..	280	0·76	..	Do. ..	Do. ..	....	
..	100	1·97	..	Do. ..	Do. ..	....	
..	200	..	..	Do. ..	Do. ..	....	
..	800	69·44	..	Do. ..	Do. ..	....	
..	500	33·67	..	Do. ..	Do. ..	....	
..	600	33·33	..	Do. ..	Do. ..	....	
..	2,000	127·34	..	Do. ..	Do. ..	....	Erected by S. P. C. A.
..	500	27·50	..	Do. ..	Do. ..	....	With overhead tank.
..	500	14·79	..	Do. ..	Do. ..	....	
..	..	32·11	..	Do. ..	Do. ..	....	Erected by Mr. Jairajbhoy Peerbhoy.
..	..	3·33	..	Do. ..	Do. ..	....	
..	..	4·25	..	Do. ..	Do. ..	....	
..	..	1·33	..	.. ..	.. ..	....	
13,250	13,250	132·66	20-12-95	Road thro' Nowroji Hill.	To be utilized	....	
8,000	8,000	82·89	1-8-95	Do. ..	Do. ..	....	
10,000	10,000	133·44	21-8-95	Do. ..	Do. ..	....	
81	81	46·67	1898	Road making.	Depot Chowkey.	....	
..	40	1·00	..	Public use..	Used for the same purpose.	....	
..	..	39·61	..	Do. ..	Do. ..	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
171	6617 (1A)	85AA	3658	102	Babula Tank ..	Fire Brigade Station ..	Fire Brigade ..
172	3617 (3)	85	3658	102	Do. ..	Quarters for the Chief Inspector and 6 sluicemen W. W.	Ex. Engr. ..
173	4243 (2)	153A	3185	100	Chinch Bandar ..	Chowki	Road ..
174	4482 (2)	214A	3186	99	Frere Road ..	Do.	Do. ..
175	4876 (2)	52A	3186	126	Clive Road ..	Urinal	Health ..
176	4930	22	..	134	Musjid Station Road	Urinal, 5 seats	Do. ..
177	3682 (2)	397A	3179-80	151	Dongri Street ..	Urinals	Do. ..
178	....	26/27	..	125	Do. ..	Land and Building ..	Road Dept. ..
179	3606	2/8	..	101	Do. ..	Do. ..	Do. ..
180	2090/2031 (1)	304/310	..	151	Carnac Road ..	Do. ..	Do. ..
181	1489 (A)	71A	2815	134	Isaji Street ..	Urinal	Health ..
182	4307 (2)	1A	3188	91-92	Wari Bunder Road..	Land	Drainage ..
183	857 (2)	18A	..	136	Narayan Dhuru St..	Urinal	Health ..
184	2365 (7)	499A	3005	123	Nagdevi Road ..	Do.	Do. ..
185	3113 (2)	81A	2589	123	Chunam Kiln Road.	Do.	Do. ..
186	3116 (3)	108	2988	125	1st Chinch Bandar Road.	Do.	Do. ..
187	3117 (2)	47A	2988	125	Do. ..	Do.	Do. ..
188	2427	1, 4 & 3911	3099	103	Meman Wada Road.	Land	Drainage ..
189	3811	164, 166	3184A	101	1st Nowroji Hill Rd.	Land and building ..	Street & Building.
190	....	24	..	..	Tantanpura Street...	Urinal one seated ..	Health ..
191	....	....	..	..	Carnac Road ..	Urin l one seated with tank.	Do. ..

Ward B—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
20,000	48,150	1548·00	1895 ..	Fire Brigade	Used for the same purpose.	....	
..	..	1050·00	..	Water Dept.	Do. ..		
..	81	28·89	1893 ..	Road Chouki	Chouki ..	....	
..	81	63·89	1893 ..	Do. ..	Do. ..	....	
871	871	2·67	1895 ..	Public use..	Used for the same purpose.	Nil.	
580	580	5·33	1893 ..	Do. ..	Do. ..	Nil.	
1,154	1,154	3·41	1894 ..	Urinal ..	Do. ..	Nil.	
13,500	..	140·67	29-8-96	Road thro' Nowroji Hill	To be utilised.	Nil.	
9487·50	9487·50	158·66	21-12-96	Do. ..	Do. ..	Nil.	
6,144	6,144	163·33	10-7-96	Road improvement.	Used for the same purpose.	Nil.	
575	575	..	1896 ..	Public use..	Do. ..	Nil.	
..	..	838·52	..	..	..	....	
..	40	·83	..	Public use..	Used for the same purpose.	Nil.	
..	20	1·00	..	Do.	Do.	Nil.	
..	160	1·50	..	Do.	Do.	Nil.	
..	150	1·50	..	Do.	Do.	Nil.	
..	300	4·5	..	Do.	Do.	Nil.	
..	1244	83·33	1895 ..	Do.	Do.	Nil.	
9323	9323	127·66	21-12-97	Road thro' Nowroji Hill	To be utilised.	Nil.	The building will be shortly pulled down.
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
192	103(2)	550A	1842	136	Abdul Rhaman St..	Urinal	Health ..
193	140(2)	103	1862	149	Sheik Memon and Janjiker Street.	Drinking fountain ..	Water ..
194	161(2)	271A	1393	136	Do. (1st Agiari Lane)	Urinal	Health ..
195	161	335	1380	126	Sheik Memon Street (1st Agiari St.)	Stand-pipe & cattle trough	Water ..
196	780	85	1374	136	Mumbadevi ..	Well, Capawalla's Junction with Musjid.	Water ..
197	807(3)	26B	1378	136	Do. ..	Urinal	Health ..
198	939 & 1027	104 & 24	1319-20	149	2nd Carnac Road, In of Lohar Street.	Stand-pipe	Water ..
199	1784(2)	1A	Nil.	161	Kalbadevi Road, Junction of Esplanade Road.	Fitzgerald lamp and fountain.	Do. ..
200	....	....	Nil.	148	Do. ..	Iron tanks in Cavel Street opposite to Old Hanuman Lane.	Road ..
201	2051(1)	2, 116	8287	161	Girgaum Road and 1st Marine St.	The Framji Cawasji Tank..	Water ..
202	2211	412	8114	139	Girgaum Road ..	Well next to Veterinary-Surgeon Gosla Metha.	Do. ..
203	2311(1)	175	8240	162-163	Queen's Road .	Land metal depôt ..	Road ..
204	2311(2)	2B	..	..	Do. ..	Chowki	Do. ..
205	2321	157	8099	140-145	Thakurdwar Street (Queen's Road).	Drinking fountain ..	Water ..
206	2615	37	8361	162	3rd & 4th Marine St.	Well	Do. ..
207	2783	405	8242	160	Lohar Street ..	Pork Market	Supdt.of Market and Slaughter Houses.
208	3753	100	200	147	Cavel Street ..	Stand-pipe . ..	Water ..
209	5061	11	573	137	Bhuleshwar ..	Market	Supdt.of Market and Slaughter Houses.
210	5062	13-15	573	137	Do.	Do.	Do. ..
211	5063	17-19	573	137	Do.	Do.	Do. ..
212	5064	21-23	573	137	Do.	Do.	Do. .
213	5065	25-27	573	137	Do.	Do.	Do. ..
214	5066	29-35	573	137	Do.	Do.	Do. ..
215	5067 (1, 2 & 3)	37, 37A, 11A	573	137	Do.	Do.	Do. ..
216	5222 (1) (2)	4-6 4A, 6A	572	137	1st Bholwada Street.	Extension of Bhuleshwar Market.	Do. ..
217	5323 (1) (2)	3, 5, 7, 3A to 7A	573	137	2nd do. .	Do. do. ..	Do. ..
218	5060 (2)	426-428	571	137	Bhuleshwar Road, 1st Bhotwada St. and Kalkadevi Road.	Fire Brigade Station ..	Fire Brigade ..
219	5224	4	458	137	Panchatwadi ..	Well and cattle trough ..	Water ..
220	5697 (1)	61-1	623	121	Girgaum Back and Kavasji Patel Tank Roads.	Cawasji Patel Tank ..	Do. ..
221	5053 (2)	255	766	122	Erskine Road ..	Fountain (Vizilbai) .	Do. ..
222	6219 (2)	201A	917	122	Lora Street .	Urinary	Health ..
223	6513A	65	7481	121	Girgaum Back Road	Stand-pipe	Water ..
224	6652A	58	5762	121	Khetwadi Main Rd	Urinal ..	Health ..
225	6737-38-39	14- 6	5364-65	121	Ardeshir Dadi and Islampura Street.	Night-soil depôt and chowki.	Do. ..
226	6815	98 & 1	4706	122	Erskine Road ..	Land and latrine ..	Do. ..
227	6817	106	Nil.	122	Do. ..	Stand-pipe	Water ..

Properties—Ward C.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 686	Rs. 686	Sq. yds. 7·5	1892	Public use.	Used for the same purpose.	Rs. Nil.	
..	7,700	6·57	....	Do.	Do.	Nil.	
..	300	9·28	....	Do.	Do.	Nil.	
50	3,450	·34	....	Do.	Do.	Nil.	Well closed and stand-pipe and cattle trough erected.
..	2,362	44·05	....	Do.	Do.	Nil.	Encroached upon by Mr. Kavasji Byramji, owner of the firewood depôt close by.
..	50	6·75	....	Do.	Do.	Nil.	
50	930	21	....	Do.	Do.	Nil.	Well closed & stand-pipe erected.
500	5,000	67·02	....	Do.	Do.	Nil.	
..	500	5·56	....	Do.	Do.	Nil.	
..	78,850	3118	....	Do.	Do.	Nil.	
..	2,497	79·30	....	Do.	Do.	Nil.	
..	23,500	1175	....	Do.	Do.	Nil.	Lease for 999 years subject to redemption after three months' notice. It is included in the N. S. Depôt.
..	..	..	....	Do.	Do.	Nil.	
..	200	3·77	....	Do.	Do.	Nil.	
50	5,803	40·54	....	Do.	Do.	Nil.	One Mr. Nasserwanji Rustomji Daruwalla claims this well.
2,090	4,248	122·94	1867	Market.	Do.	100	
50	603	19·63	....	Public use.	Do.	Nil.	Dipping well filled up and stand-pipe erected.
79,555	81,185	60·505	19-11-68	Market.	Do.		
..	..	..	....	Do.	Do.		
..	..	..	....	Do.	Do.		
..	..	..	....	Do.	Do.		
..	2,93,378	819·13	4-12-29	Do.	Do.	13,000	
..	..	..	....	Do.	Do.		
..	..	..	....	Do.	Do.		
..	..	..	....	Do.	Do.		
..	....	91·73	....	Do.	Do.		
..	40,693	....	1894	Fire Brigade	Do.	Nil.	
100	1,326	42·03	....	Public use.	Do.	Nil.	
1,000	23,886	989·65	....	Do.	Do.	Nil.	
..	100	15·09	....	Do.	Do.	Nil.	Removed and fixed near Police Chowki at Erskine Road.
..	50	1	....	Do.	Do.	Nil.	
50	1,238	83·86	....	Do.	Do.	Nil.	Well closed and stand-pipe erected.
..	100	17·23	....	Do.	Do.	Nil.	
..	9,745	279·28	G.R. No. 902 4-2-86.	Do.	Do.	Nil.	
..	18,216	144·05	....	Do.	Do.	Nil.	
100	8,657	155·03	....	Do.	Do.	Nil.	Reservoir closed and stand-pipe erected.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
228	6816	108, 2, 3	Nil.	122	Erskine Road ..	Vacant land (portions assessed as stalls).	Supdt. of Market and Slaughter Houses.
229	613 (2)	70A to 74A	1914	149	Junction of Shamset and Abdul Rehman Streets.	Urinal	Health ..
230	7050, 7143, 7173, 7174 (1), (2), 7144, 7172 (1), 7234 and 7999	4, 5, 29, 33 to 53, 38, 40, 1, 2	4663, 4701, 4702, 4703	122	Doctor and Khoja Streets and 1st Duncan Road.	Erskine Road, Market, old and new.	Supdt. of Market and Slaughter Houses.
231	7983 (1)	47	4670	104	Guzar Street ..	Stables	Health ..
232	"	58	43.3	104	Do. ..	Extension of Reservoir stables.	Do. ..
233	7983 (2)	47A	4670	104	Do. ..	Do. do. ..	Do. ..
234	7983 (3)	47B	4670	104	Do. ..	Do. do. ..	Do. ..
235	"	47	4670	104	Do. ..	Do. do. ..	Do. ..
236	7205 (2)	96A	4648	104	Chimna Butcher St..	Urinary	Do. ..
237	7217 (1)	142	4341	104	Do. ..	Night-soil depôt	Do. ..
238	7410 (1A)	194	4654	104	Junc. of Bhandari St. Cross Lane and Duncan Road.	Urinary	Do. ..
239	7462 (1)	358	Nil.	104	Duncan Road ..	Tank (one of two tanks) ..	Water ..
240	7972(1),72 to 79	206, 230, 121	5599 5603-4-5	105	Grant Road ..	Northbrook Gardens and Fountain.	Supdt. of Municipal Gardens.
241	7991-92	18, 1, 2	4353	104	Guzar Street ..	Chowki Ward Office ..	Road ..
242	2458 (2)	11A.	Nil.	161	Jambulwadi ..	Urinal	Health ..
243	2051 (2 and 3)	2A, 2B	8287	161	Girgam Road (Dhobi Talao).	Two drinking fountains ..	Water ..
244	2051 (4)	2C	....	161	Dhobi Talao, 1st Lane	Stand-pipe	Do. ..
245	1722 (1)	2	1512	136	Shukodi Lane ..	Well	Do. ..
246	3215 (2)	5A	6228	147	Chandanwadi ..	Urinal	Health ..
247	103 (3)	550B	1842	136	Abdul Rhaman St...	Latrine	Do. ..
248	6040 (2)	200A, 204A	1021	136	Parel Road, Bhendi Bazar, Agiari St.	Urinal	Do. ..
249	8031 (2)	514A-518A	4355	103	1st Cooper Street ..	Do.	Do. ..
250	7980 (4)	227A	4172	103	Bapty Road & Khoja Street.	Do.	Do. ..
251	7462 (2)	358A	5065	121	Duncan Road ..	Do.	Do. ..
252	7183 (2)	85A	4271	104	Junc. of Bapty Road and Duncan Road.	Do.	Do. ..
253	7217 (2)	142A	4341	104	Chimna Butcher St.	Latrine	Do. ..
254	6406 (2)	5A	900	122	Nizam Street ..	Urinal	Do. ..
255	....	398	4706	123	Erskine Road ..	Latrine	Do. ..
256	7169	8	4706	123	Chimna Butcher St.	Latrine and Urinal ..	Do. ..
257	1818 (2)	116A	126	147	Kolbhat Street, near its junction with Kalbadevi Road.	Urinals	Do. ..
258	5622 (2)	83A	643	121	2nd do. and 2nd Pinjrapole.	Do.	Do. ..
259	980 (2)	3A	1758	148	Patakwadi ..	Do.	Do. ..
260	89 (2)	3A	1788	161	Picket Road ..	Do.	Do. ..
261	3217 (3)	1A	6226	146	Chandanwadi ..	Stand-pipe (on private ground).	Water ..
262	3149 (2)	384A	8135	147	Girgaum Nana's Cart	Stand-pipe .. .	Do. ..
263	5891	28	8244	162	Charniwadi Lane ..	Do.	Do. ..
264	5158 (2)	84 (A)	551	187	Bhuleshwar near temple.	Fountain	Do. ..
265	4496 (2)	62 (A)	455	187	Bhuleshwar end of Cathedral Street.	Do. with a lamp on top	Do. ..
266	7183 (3)	85 (B)	4271	104	Chimna Butcher and Duncan Road, 2nd Street.	Fountain	Do. ..
267	7972 (2)	220 (A)	5599 56074-5	104	Trimbak Parsharam Street and Northbrook Garden Junc., Grant Road.	Do.	Do. ..

Ward C—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs. 8,700	Rs. 1,940	Sq. yds. 121·5	....	Market ..	Used for the same purpose.	Rs. 800	
282	282	2·66	1895	Urinal and latrine.	Do.	Nil.	
4,84,000	1,50,770	5,412·4	....	Market.	Do.	56,800-8-8	* 24, 42, 15 to 21, 34 & 35, 15 to 25, 27, 29, 1 to 13, 14 & 31.
6,410	1,71,193	2,488·88	....	HealthDept.	Do.	Nil.	
..	11,500	230	18-1-83	Do.	Do.	Nil.	
..	4,280	214	17-11-83	Do.	Do.	Nil.	
..	7,700	286	31-11-83	Do.	Do.	Nil.	
..	2,500	180	5-4-83	Do.	Do.	Nil.	
..	100	202·13	....	Do.	Do.	Nil.	
2,335	6,455	459·18	....	Do.	Do.	Nil.	
..	50	1·66	....	Do.	Do.	Nil.	
..	6,455	200·81	....	Public use.	Do.	Nil.	
..	1,48,382	12,085·85	12-3-83	Do.	Do.	Nil.	
15,626	10,685	528·30	....	Municipal Ward Office.	Do.	..	
..	100	6·33	....	Public use.	Do.	Nil.	
..	600	4·06	....	Do.	Do.	Nil.	
..	100	9·12	....	Do.	Do.	Nil.	
..	1,000	65·94	....	Do.	Do.	Nil.	
..	150	3·77	....	Do.	Do.	Nil.	
..	800	13·81	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	75	3·75	....	Do.	Do.	Nil.	
..	150	6·94	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	75	·68	....	Do.	Do.	Nil.	
..	800	24·11	....	Do.	Do.	Nil.	
267	267	2·66	1895	Do.	Do.	Nil.	
..	250	144·05	....	Do.	Do.	Nil.	
..	450		....	Do.	Do.	Nil.	
687	600	6·22	1894	Do.	Do.	Nil.	
..	75	68	....	Do.	Do.	Nil.	
..	100	6	....	Do.	Do.	Nil.	
..	175	10	....	Do.	Do.	Nil.	
..	50	10	....	Do.	Do.	Nil.	On verandah of Mr. Mulla's house
..	800	8·5	....	Do.	Do.	Nil.	
..	25	2·37	....	Do.	Do.	Nil.	
..	45	23·25	....	Do.	Do.	Nil.	
..	150	28·44	....	Do.	Do.	Nil.	
..	85	2·88	....	Do.	Do.	Nil.	
..	200	30·25	....	Do.	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
268	6703 (2)	45 (A)	5354	122	Ardeshir Dadi Street	Stand-pipe	Water ..
269	6383 (2)	96 (A)	870	123	Musjid Street ..	Urinal	Health ..
270	1645 (2)	147 (A)	1481	148	Vithalwadi ..	Do.	Do. ..
271	1301 (3)	84A	1727	148	New Hanuman Lane	Do.	Do. ..
272	807 (3)	26B	1378	136	Mumbadevi Road. ..	Do.	Do. ..
273	5068 (2)	39A, 41A	874	137	2nd Bhoiwada ..	Do.	Do. ..
274	161 (3)	271B	1393	136	1st Agiary Lane ..	Urinary	Do. ..
275	779 (2)	83 A	1379	136	Mumbadevi Street..	Water Fountain and cattle trough.	Water ..
276	815 (2)	66 A	1378	136	Do. ..	Urinary	Health ..
277	1370 (2)	2	1690	149	Old Hanuman Street	Do.	Do. ..
278	1482	25	1638	148	Do. 1st Cross Lane.	Well	Water ..
279	1579	97	1530	148	Champawadi ..	Do.	Do. ..
280	1618 (2)	1A	1407	148	Vithalwadi ..	Urinary	Health ..
281	1678	8	1457	137	Telwadi	Well	Water ..
282	1747	15	1485	148	Ovalwadi	Do.	Do. ..
283	8346	2	8123		Chandanwadi ..	Latrines..	Health ..
284	8347	3A	8239	162	Do. ..	Privies	Do. ..
285	8348	5	..		Do. ..	Night-soil Depôt and Chowki.	Do. ..
286	4083	5	8104	146	Karelwadi.. ..	Well	Water ..
287	3651	18	214		Tavel Street ..	Do.	Do. ..
288	3678	42	215		Do.	Do.	Do. ..
289	3705	66	216		Do.	Vacant land	Road ..
290	3718	72	..	147	Do.	Well	Water ..
291	3794	135	199		Do.	Do.	Do. ..
292	3833	161	..		Do.	Do	Do. ..
293	3881	198	182		Do.	Do.	Do. ..
294	5525 (2)	2A	594	137	Maroti Lane ..	Urinary..	Health ..
295	5787	9	Nil.	137	Pofalwadi ..	Well	Water ..
296	6166	184	861	122	Kazi Street ..	Police Chowki	Police ..
297	7977 (2)	85A	4404	143	Khara Tank ..	Urinary	Health ..
298	7989 (2)	123A-129A	4575	103	Guzar Street ..	Do.	Do. ..
299	7146 (2)	58	4673	104	Mutton Street ..	Latrine	Do. ..
300	7278 (2)	83A	4726	104	1st Duncan Cross Road.	Urinal	Do. ..
301	7971 (3)	228B	5606	105	Junction of North-brook Street and Grant Road.	Do.	Do. ..
302	5754 (2)	4	626	121	Junction of Caw sji Patel Tank Road with Girgam Back Road.	Do.	Do. ..
303	2310, 2311 (1)	173, 175	8240	162	Queen's Road ..	Chowki	S. and Building
304	2311 (2)	2B	8240	162	Do.	Do.	Drainage ..
305	6474 (3A)	8A	7480	121	Khetwadi Main Rd.	Urinal	Health ..
306	5776 (2)	99A	644	122	3rd Pinjrapole St.	Do.	Do. ..
307	5977 (2)	121A	745	123	Pinjrapole Street..	Do.	Do. ..
308	7158B	104B	4851	122	Mutton Street ..	Do.	Do. ..
309	7983 (2)	47A	4047	104	Guzar Street ..	Latrine	Do. ..
310	7983 (3)	47B	4649	104	Do. ..	Urinal	Do. ..
311	7417 (2)	188A	4795	122	1st Bhandari Street.	Do.	Do. ..
312	5648 (2)	37A	639	121	Junction of Kavasji Patel Street and Pinjrapole.	Do.	Do. ..
313	506 (2)	413A	1378	137	Kalbadevi opposite Coppersmith Bazar	Do.	Do. ..
314	....	....	..	121	Ardeshir DadyStreet	Land and dust bin cart ..	Do. ..
315	....	106	..	..	1st Marine Street ..	Urinal	Do. ..

Ward C—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
..	130	6·5	....	Public use.	Used for the same purpose.	Nil.	
..	100	4	....	Do.	Do.	Nil.	
..	75	6	....	Do.	Do.	Nil.	
..	75	3·33	....	Do.	Do.	Nil.	
..	..	..	....	Do.	Do.	Nil.	
549	500	6·22	1894	Do.	Do.	Nil.	* The fountain with the cattle troughs was formally handed over to the Municipality by the donor, Mr. Govindji Thakersey Mulji, and the water turned on, on 18th day of August 1898.
..	50	9·28	....	....	....	....	
..	..	24·42	....	....	....	....	
..	600	5·17	....	....	....	....	
..	50	2·32	....	....	....	....	
..	1,280	31·36	....	....	....	....	
..	2,660	64·14	....	....	....	....	
..	50	1·57	....	....	....	....	
..	1,560	39·11	....	....	....	....	
..	1,400	34·96	....	....	....	....	
..	..	..	....	....	....	....	
4,000	30,797	2479·70	1873	Public use.	Used for the same purpose.	Nil.	
..	300	3·14	....	....	....	....	
..	1,560	38·88	....	....	....	....	
..	760	18·60	....	....	....	....	
..	..	38·70	....	....	....	....	Well filled in.
..	640	16·56	....	....	....	....	
..	1,280	32·50	....	....	....	....	
..	280	6·63	....	....	....	....	
..	720	17·48	....	....	....	....	This well has been enclosed with a fence by Messrs. Tulsidas Culliandas and Sunderji Mulji.
..	30	·75	....	....	....	....	
..	1,640	40·60	....	....	....	....	
..	533	26	....	....	....	....	
..	80	2·88	....	....	....	....	
..	50	1·26	....	....	....	....	
..	3,200	79·80	....	....	....	....	
298	298	2·88	1895	Public use.	Used for the same purpose.	Nil.	
1,126	1,126	6·35	1895	Do.	Do.	Nil.	
695	695	..	1896	Do.	Do.	Nil.	
80	80	32	....	Chowki ..	Do.	Nil.	
..	22	1·4	....	Do.	Do.	Nil.	
105	105	18	....	Public use.	Do.	Nil.	
..	25	2·66	....	Do.	Do.	Nil.	
..	22	1·66	....	Do.	Do.	Nil.	
..	205	6·50	....	Do.	Do.	Nil.	
..	15	1·33	....	Do.	Do.	Nil.	
50	50	1·33	....	Do.	Do.	Nil.	
..	80	4·66	....	Do.	Do.	Nil.	
380-9-9	380-9-9	1·17	1897	Do.	Do.	Nil.	
949-7-7	949-7-7	6·67	1897	Do.	Do.	Nil.	
1,500	1,500	64·60	18-11-97	Dustbin cart	Do.	Nil.	
..	..	..	....	....	....	....	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
316	512 (1) and 512 (2) (3)	5, 5A, 5B	8018	117	Girgaum Cross Lane	Night-soil depôt & latrine.	Health ..
317	824	133	7518	121	Kandawadi Street, junction of Khatar Alli Lane.	Well	Water ..
318	1169 and 1170	5, 1	8042	141	Charni Road ..	Engineer's chowki ..	Drainage ..
319	1189	51	8038	118	Do. Junction Girgaum Road	Fountain..	Water ..
320	1285	142	7838	119	Girgaum Back Road	Well (Persian wheel) ..	Road ..
321	1728	37	Nil.	120	Khetwadi 2nd Lane, junction of Khetwadi Main Road.	Dipping well	Water ..
322	1583	107	7423	120	Girgaum Back Road. Junction of 2nd Parsiwada.	Well	Do. ..
323	1704 (2)	47A	5389	121	Khetwadi 1st Lane..	Urinal (old system, 4' ×6').	Health ..
324	2171 (2)	176A	5389	121	Falkland Road near Khetwadi 1st Lane.	Fountain	Water ..
325	1941	1	Nil.	120	Khetwadi Main Road and Khetwadi 6th Lane Junction.	Well	Do. ..
326	2036 (2)	56A	7377	106	Khetwadi 10th Lane.	Urinal (new system) ..	Health ..
327	2448	369	D / 7298	116	Queen's Road (Choupatti.)	Stand-pipe and cattle-trough.	Water ..
328	2767	39	Nil.	110	Gamdevi Road ..	Fountain .. .	Do. ..
329	2871 (1, 2, 3 and 4), 2873 (1, 2, 3)	12,), 1A, 1B, 1C, 2, 3, 4	7343	110	Gowalia Tank Road.	Ward office, Fire Brigade Station lascars' quarters.	Road ..
330	2880	26	7340	110	Do. ..	Gowalia Tank	Water ..
331	2929	50	Nil.	110	Do. ..	Fountain (near the Towers of Silence Gates.)	Do. ..
332	2977 (2)	65A	7262	106	Walkeshwar Road near Government House Gate.	Drinking Fountain ..	Do. ..
333	3181 to 3183, 3221 (1, 2) 3225 (1 to 6), 3218 to 3220.	131, 133, 135, 137, 139, 141, 143, 145, 13, 13A, 152, 152A, 1, 2, 3, 4, 5, 5A, 5B, 5C, 10, 11 & 12.	7159. 7160 & 7298.	115	Ridge Road and Ridge.	(a) Malabar Hill Reservoir, (b) Fire Brigade Station and lascars' quarters, (c) garden and Inspector's quarters.	(a) Water, (b) Fire Brigade, (c) Water.
334	3309	16	7,223	114	Nepean Sea Road and Dabholkar Road.	Land and well	Road ..
335	3,316-17	40, 42	Nil.	114	Nepean Sea Road, Junction of Mount Pleasant Road.	Land occupied by— (a) Police chowkey .. (b) Well	{ Building . { Water ..
336	3541	10	7030	69	Warden Road ..	Vacant land.	Road ..

Properties—Ward D.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 22,230	Rs. 25,743	Sq. yds. 1,688·91	1866 ..	For night-soil depôt	Used for the same purpose.	Rs. Nil.	
50	3,110	111·06	Declared public in 1854.	For well ..	Do.	Nil.	
1,000	2,663	183·64	1866 ..	Drainage ..	For Drainage Dept. W. Offices.	Nil.	
....	159	3·37	....	For fountain.	Used for the same purpose.	Nil.	
50	6,400	226·71	Declared public in 1854.	For well ..	Do.	Nil.	
50	882	38·25	Do. ..	Do. ..	Do.	Nil.	
50	3,170	178·00	Do. ..	Do. ..	Do.	Nil.	
....	119	2·86	....	Public use..	Do.	Nil.	Pulled down.
....	179	3·97	....	For fountain.	Do.	Nil.	
50	1,268	26·80	1854 ..	For well ..	Do.	Nil.	
....	374	28·00	....	Public use..	Do ..	Nil.	
....	1,287	31·50	....	For Standpipe and cattle trough.	Do. ..	Nil.	
....	139	3·97	....	For fountain.	Do. ..	Nil.	
20,000 & 5,736 for new buildings.	40,736	3,962·00	1883 ..	For ward offices, &c.	Do. ..	Nil.	
2,000	58,999	24,499·83	Declared public in 1854.	For tank ..	Do.	Nil.	
50	179	3·97	....	For well ..	For fountain and road.	Nil.	Well filled up and fountain erected and remaining portion of ground added to the road.
50	752	31·50	....	Do. ..	Used for the same purpose.	Nil.	Well closed and fountain erected.
7,09,661	10,84,863	76,886·00	....	For reservoir, &c.	Do. ..	44	Revenue from grass and tapping trees about Rs. 44 per annum.
50	5,217	645·30	....	For well ..	For metal depôt and well.	Nil.	
50 Well..	3,057	325·88	....	For Police chowki and well.	Used for the same purpose.	Rs. 7 per year for land occupied by Police chowki.	
50	262	7·77	....	For well ..	....	Nil.	Well filled in and a cattle trough was erected, but it is now removed to Branch Vellard in G Ward.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
337	3900,3904(1&2) 3904(3),3909, 3905.	96, 4, 4A, 4B, 5, 15	2/3415 3401, 3400 and 2/3413	63	Clerk Road	Tardeo flats for reclamation with town sweepings 36 acres.	Health ..
338	3903 (1)	3	3389	62	Do.	Metal depôt	Road ..
339	3907 (1)	11	C/3413	62, 63, 64	Do.	Tardeo flats for reclamation with town sweepings.	Health ..
340	3899 (1)	90, 92	3413	63, 64	Do.	Do. do. ..	Do. ..
341	3899 (2)	94	A/3413	63, 64	Do.	Do. do. ..	Do. ..
342	3908 (2)	13A	3414	64	Do.	Do. do. ..	Do. ..
343	3887	42	3406	63 & 81	Do.	Land 50 ft. wide on either side of old drains from Bellasis Bridge to Clerk Road for new sewerage work.	Drainage ..
344	3865, 3866	46, 48	3406&3407	81	Bellasis Road	(a) Drainage office shed and pipe depôt. (b) Kerosine oil godown..	(a) Drainage and (b) Lighting ..
345	2721	1	5/7975	109	Kennedy Bridge ..	Metal depôt land ..	Road .. ..
346	1464	1	80, 64	140 & 141	Queen's Road ..	Do.	Do. ..
347	2010 (2)	3A	5509	106	Khetwadi 10th Lane	Vacant ground for dust-bin.	Health ..
348	2984	88	7281&7282	166	Walkeshwar Road ..	Police chowkey with land.	Building ..
349	3800	641	Nil.	82	Tardeo and Arthur Roads.	Do.	Do. ..
350	3881	71, 73, 75, 77, 79, 81, 83, 85, 87, 89	3411	63	Arthur Road ..	Foras tank	Water ..
351	3220	12	7160	115	Ridge Road ..	Metal depôt	Road ..
352	980, 981	1, 2	7495	120	Girgaum Back Road and Kakadwadi.	Girgaum Police Court quarters for European officers at the back of Court.	Building ..
353	Nil.	144	Nil.	115	Mount Pleasant Road.	Vacant land	Road ..
354	3786	585	7014	81	Bellasis Bridge, north and west of B. B. & C. I. Ry.	Land for surface drainage works.	Drainage ..

Ward D—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
Yearly rent Re. 1 per acre.	1,74,240	174,240·00	1873	Depositing town sweepings.	Used for the same purpose.	....	Leased from Government for 21 years, to be resumed after 6 months' notice; yearly rent Re. 1 per acre. Government Resolution No. $\frac{2609}{7\text{-}5\text{-}73}$
Do. ..	19,998	6,666·00	1878	Metal depôt	Do. ..	Nil.	Same terms as above.
....	2,45,206	245,206·00	1873 & 1877	Depositing town sweepings.	Do. and small garden.	....	Small garden on these flats is in the charge of the Superintendent of Municipal Gardens.
....	21,810	21,810·00	1848	Do. ..	Used for the same purpose.	....	
....	93,755	93,755·00	1888	Do. ..	Do. ..	....	
Yearly rent Re. 1 per acre.	42,715	42,715·00	1878	Do. ..	Do. ..	....	On same terms as for land on Tardeo Flats (*vide* Govt. Reso. No. $\frac{2609}{7\text{-}5\text{-}73}$ No. $\frac{6603}{8\text{-}11\text{-}73}$ of Rev. Dept.)
.....	39,727	39,727·00	1879	Drainage ..	Vacant ..	....	There is no fixed income from this property. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
....	10,762	1631·00	1881	For drainage pipe depôt, &c.	Used for the same purpose.	Nil.	
9514	3,000						
Yearly rent Rs. 105-2-0.	4,005	841·00	....	Metal depôt.	Do. ..	Nil.	Yearly rent of Rs. 105-2-0 paid by Muny. to Govt.
....	26,712	450	....	Do. ..	Do. ..	Nil.	Yearly rent of Rs. 112-8-0 paid by Muny. to Govt.
616	616	41·11	1899	Dust-bin ..	Do. ..	Nil.	
1000	1,493	54·00	....	P. chowki..	Do. ..	96 per year	
500	660	20·00	....	Do. ..	Vacant ..	Nil.	
....	10,304	5,152·00	1851	Tank ..	Used for the same purpose.	....	Partly filled up.
Included in the cost of item No. 339.	11,095	2,219	....	Metal depôt	Do. ..	Nil.	
14,000	48,000	1820·93	1867	Police Court and Police quarters.	Police quarters and Police station.	1,200 per year.	
250	250	150·00	1885	For street improvement.	Used for Water Tank.	Nil.	
414	414	829·00	1884	For surface drainage.	Vacant ..	Nil.	There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
355	3749 (2)	161A	7018	82	Faikland Road and Tardeo Road Jn.	Drinking fountain ..	Water..
356	3050 (3)	64B	7256	166	Walkeshwar Road near Banganga.	Stand-pipe and vacant land lately filled up.	Do.
357	692	108	7663	139	Mugbhat Lane ..	Drinking fountain ..	Do.
358	3903 (1) 3904 (3)	3 & 4B	3389 & 3401	63	Arthur Road ..	Old railway siding now partly used for passage, partly filled up by town sweepings and partly vacant.	Building
359	3880 (1)	57, 59, 61, 63, 65, 67 and 69.	3410	63	Do. ..	Vacant land acquired for Agripada New Road.	Do.
360	3879	53, 55	3409	63	Do. ..	Do. do. ..	Do.
361	653 (2)	6A	7499	140	Mugbhat Lane ..	Land for dust bin ..	Health
362	1515 (2)	3	8426	140	Chafni Road Garden	Latrines..	Do.
363	2400 (1A)	310A	5590	106	Grant Road ..	Urinal	Do.
364	2970	63	7279	166	Walkeshwar Road..	Land	Building
365	178	575	8037	118	Girgam Road ..	Police chowki	Police
366	281 (1)	647	7773	140	Do. ..	Do.	Do.

Ward D—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
....	180	3·97	....	For fountain.	Used for the same purpose.	Nil.	
....	114	28·27	....	Public use..	For standpipe.	Nil.	
....	180	3·97	....	For fountain.	For the same purpose.	Nil.	
1,05,000	32,022	32,022	....	For town sweepings.	Partly for the same purpose and partly vacant.	Nil.	
25,188	25,188	7,730	1891	For a new road at Agripada.	Leased for cultivation	167 per year.	This amount is apportioned in ratio of Rs. 225 obtained for the total area of 10,439·69 sq. yards which includes another plot in E ward.
17,490	17,490	6,996	1891	Do.	Do. ..	25 Rs. per year.	This amount is apportioned in ratio of Rs. 35 obtained for the total area of 9,748 sq. yards which includes another plot in E ward.
353	353	30·73	1895	Public use.	Used for the samepurpose	Nil.	
4,612	4,612	120·55	1895	Do.	Do. .	Nil.	Leased from Government for 99 years at Re. 1 for whole ground per year.
493	493	6·22	1895	Do.	Do. ..	Nil	
....	245	30·60	....	....	....	....	
....	1200	39·06	1835	Police chowki.	Used for the samepurpose	60	
....	1500	38·50	1840	Do.	Do. ..	60	

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
367	2359 (2)	4A	6996	109	Grant Road, Frere Bridge.	Urinal and latrine.. ..	Health .. ..
368	41, 42, 803, 804, 805, 806, 807 (1)	211, 213, 125 to 133	5743	87,105	Grant Road, Bapty Road, Trimbak Parashram Street.	Cholera hospital and land..	Health ..
369	240, 621,628 (1)	154, 2, 1	5881	88, 89	Muzria Street, Surti Mohla and Mastan Street.	Puran tank (now called Mustan tank.)	Water.. ..
370	385 (1)	56	4045	88	Tank Street ..	Land	Building ..
371	537	444	5683	88	Upper Duncan Road.	Urinal	Health ..
372	541	470	6406	88	Do. ..	Land	Ex. Engr. ..
373	21	185	..	104	Upper Duncan and Grant Roads.	Tank and vacant ground of the other tank.	Water ..
374	589 (2)	(1)	..	77	Upper Duncan Road.	Fountain (Cursedji Manekji Memorial) with four lamps.	Do. ..
375	669, 670	11, 13	4144	88	Streets between Tank Street and Upper Duncan Road.	Vacant land used as metal depôt.	Road .. ..
376	792 (2)	88	..	87	Bapty Road ..	Drinking water-stand-pipe	Water.. ..
377	785 to 92 (1), 793, 794, 813 (1), (2), (3), 814-19, 820, 821, 822, 825, 826, 827, 828, 831, 832, 835, 843, 844.	24 to 84, 90 (1), 1, 2, 3, 4 to 10, 11, 12, 164, 4, 5, 8, 6, 7, 1, 166, 1	5743 and 5745, 5730	86, 87	Bapty Road and Trimbak Parshram Street.	(a) Drainage Inspector's office and land, (b) milch-cattle stables, chawls, water tank latrines.	Drainage and Health.
378	861-862, 1445-46, 1540, 1665 (1) & 1666.	63, 65, 169, 171, 173, 111, 98 to 102.	6294	86, 87	Sukiaji Street, 5th, 6th, and 7th Kamatipura Streets.	Night-soil depôt, bullock sheds, latrines, land and urinal.	Health ..
379	1841-45, 1878-79.	1, 1, 2, 3, 4, 4, 2.	6376 and 6360	87, 88	10th Kamatipura St.	Health Department stables and land.	Do. ..
380	2231	40, 42	6070	87	Kamatipura Centre Street.	Dipping well & stand-pipe	Water.. ..
381	2361-66	8 (1, 2, 3, 4, 5)	6946	86, 106	Sukiaji Street ..	Sweepers' barracks ..	Health ..
382	24.24	120	6928	86	Do. ..	Water drinking fountain..	Water.. ..
383	2934, 2569-70	515-517, 108	6934	85	Falkland and Foras Roads.	Land and Police chowki ..	Engineer ..
384	2757	28	2 6995	84	Glider Street ..	Glider tank	Water ..
385	2913-2915	92 to 102	6932	85, 86	Foras Road ..	Foras tank depôt ground and market, Drainage Chief Inspector's office.	Road Dept., Supdt. of Markets and S. H., Drge. Dept.
386	3058-59	185 (1)	....	85	Do.	Gardens (Falkland Road and malis' sheds).	Supdt. of Municipal Gardens.
387	3060-61	187, 189	6976	85	Do. Junction of Falkland Road.	Crawford fountain and stand-pipes 2.	Water ..
388	2616, 2688 to 2690.	424 to 436, 46, 48, 50	6975	85	Falkland Road and Balaram Street.	R. J. J.'s Dharamsala ..	Health ..
389	3429 to 3438, & 3440, 3449 (2), & 3564 (1 to 3).	3 to 25 (1 to 8), 910, 910A, 910B.	3690	76, 77	Shepherd and Parel Roads.	Police quarters, stables, sheds, godowns, latrines, &c.	Building ..
390	4229 (1), (2), (3), 4230 (1), 4273 (1), 4274, 3801 (3), 3806	1, 1A, 1B (2 to 5), (1), (3), (2).	3689	65	Haines Road (Agripada).	(a) Ward Office .. (b) Temporary chowki.. (c) Land .. .. (d) Health Department stables, Sankli or Byculla Tank. (e) Fire Brigade Station.	(a) Assessment (b) Building (c) H. & Road (d) Do.

Properties—Ward E.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs	Sq. yds.				Rs.	
1553	1553	..	1893	Public purpose.	Used for the same purpose.	Nil.	
418	9,100	2,995·66	1884	Cholera Hospital	Do. ..	....	Leased from Government for 21 years from 1st May 1884; yearly rent Rs. 88-7-6.
4,800	31,700	4,597·66	G. P. 1854	Public purpose and tank.	Do. ..	Nil.	
3,553	39,300	3,934·86	Do.	Do. ..	Tank filled up and portion used for a road.	Nil.	
..	120	1·66	....	Public purpose.	Used for the same purpose.	Nil.	
1,000	1,500	62·61	....	Metal depôt ..	....		
..	6,400	169·63	1854	Public purpose.	Used for the same purpose.	Nil.	
..	60,000	55·00	1854 & 1868	Do. as well	Filled up and memorial fountain erected.	Nil.	
1,978	4,000	395·777	....	Metal depôt ..	Used for the same purpose.	Nil.	
..	25	....	....	Public purpose..	Do. ..	Nil.	
1,10,000	42,100	12,925·00	1869	Health Dept. ..	Do. ..	....	Leased from Government for 50 years from 1st January 1866; yearly rent Rs. 100.
26,000	6,29,000	4,260·00	....	Night-soil depôt.	Do. ..	Nil.	
15,000	33,000	2,417·00	....	Health Dept. stable & office.	Do. ..	Nil.	
50	800	39·54	....	Public purpose.	Do. ..	Nil.	
18,000	1,19,300	3,092·00	....	Erecting barracks.	Do. ..	....	
..	50	....	....	Public purpose..	Do. ..	Nil.	
Act VI of 1857.	6,100	1,372·74	Act VI of 1859	Road	Police chowki and vacant land.	....	Valuation is decreased as drainage chowki is removed.
1,000	24,000	8,865·55	1854	Public purpose.	Used for the same purpose.	Nil.	
58,669	1,31,000	18,149·56	Act VI of 1851	Do. ..	Road, Drainage, Building Departments and Market.	630-6-0	Increased owing to the Drainage Chief Inspector's Office (new) and Market.
6,755	1,63,000	2,942·00	1851	Do. ..	Garden ..	Nil.	
	1,15,000	1,925·16	1851	Do. ..	Fountain ..	Nil.	
1,000	..	..	....	....	Stand-pipe and vacant ground	....	
..	41,300	2,690·22	1851	Public purpo-e.	Dharamsala ..	Nil.	
1,76,000	1,02,896	18,537·27	....	Metal depôt ..	Police office ..	. ..	Land made over for the erection of Police quarters, but Govt. retaining ownership of land.
Nil.	24,800	30,011·27	1854	Public purpose.	Ward offices, stables, Fire Brigade Station, &c., and vacant ground.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
391	4306, 4307, 4330, 4331 (1), (2), (3), 4347.	1, 2, 25, 26, 1, 2, 42.	3476	65	Haines Road (Agripada).	Milch-cattle stables, chawls, latrines, land.	Health ..
392	4599-4600	595, 597	3671	89, 90	Parel Road ..	Dicks' garden, fountain, and (a) latrine.	Supdt. of Municipal Gardens, (a) Health.
393	7021, 4816	2, 57	..	73	Mazagon Road Jn. of Dockyard Road.	Drinking fountain (Well)..	Water ..
394	4817-19 & 4821 (1),(2), 4828-30	59, 61, 63, ??, 67A, 71, 73, 75, 77.	3607	73	Mazagon Road ..	Depôt ground with iron tanks, depôt, Mukadam's chowki, latrines and Police chowki.	Road & Health..
395	4982	69	3710	66	Mount Road, Narelwadi.	Stand pipe	Water ..
396	5082-83	61 (1)	3456&3459	94	D'Lima Street ..	Two stand-pipes and land..	Do. ..
397	5179	45	3525	71	Gunpowder Road ..	Nowghur Tank	Do.
398	5666 (1, 2, 3), 5636 (1), (2)	28, 28A, 28B, 1 & 1A	2597	72, 73, 92, 93	Belvedere Hill Road.	John Hay Grant Reservoir and Inspector's chowki and shed.	Do. ..
399	5705	57	..	71	Dockyard Road ..	Fountain, Captain Henry memorial.	Do. ..
400	5706 (1-3)	59, 61, 1, 1A	3475	71	Do. ..	(a) Pedder Market .. (b) Fire Brigade Station. (c) Latrines	(a) Supdt. of Markets & S. H. (b) Fire Brigade. (c) Health ..
401	5707	63	3476	71	Do. ..	Stand pipe	Water.. ..
402	5751	97	3191	70	Do. Pier..	Drinking fountain ..	Do. .. ..
403	5760	7	3696	72	Do. ..	Well (Gunbow well) ..	Do. .. ..
404	5931	51	3695	67	Matharpacadi ..	Well	Health ..
405	5933	53	3695	67	Do. Cart..	Drinking fountain ..	Water.. ..
406	6757, 6863-6864.	3, 1, 3	3352&3354, 3353	71	Chiman Rupji Street and Nabab Tank Street.	(a) Nabab tank. (b) Land	(a) Water .. (b) Road ..
407	6775	11	3296	94	Hospital Lane ..	Police hospital	Building ..
408	6869	9	3306	71	Nabab Tank Street.	Nanabhoy tank	Water.. ..
409	7082 (1)	153	3454	65	Haines Road ..	Foras tank filled in ; land..	Health & Road..
410	7095 (2)	(1)	3470	65	D'Lisle Road ..	Land over the drain west of G. I. P. Ry.	Health ..
411	7255-63 & 7396	146 to 152(1), 154 to 158 (1), 68, 70	3448, 3446	65, 67	Do. and Clerk Road.	Water Works Supdt.'s quarters, office, Storekeeper's quarters, chawls & land.	Water.. ..
412	7286-87	210, 212	3431	57	D'Lisle Road ..	Sheep markets	Supdt. of Markets and S. Houses.
413	7285	208	3430	57	Do. ..	Foras tank filled in ; land under cultivation.	Health ..
414	7320 to 7335	191 to 221	3426	57	Arthur Road ..	Small-pox hospital ; vacant land.	Do. ..
415	7400	82	3602	66	Clerk and Parel Rds.	Stand pipe	Water..
416	7092-99, 7398, 7397 (1)	19, 21, 74, 75	3445, 3446 & 3469	65	DeLisle and Clerk Roads.	Water Works pipe depôt ..	Do. .. ..
417	7475-77 (1, 2)	69, 69A, 71, 73	3621	56	Parel Road ..	New Fire Brigade Station.	Fire Brigade ..
418	4572 (2)	27A	3417	64	Arthur and Haines Roads.	Fountain (Jacob Memorial) and cattle trough.	Water.. ..
419	7505	43	3714	66	Ghorupdeo Road Jn. of Reay Road.	Drinking fountain ..	Do. .. ..
420	7330	103	3719	56	Ghorupdeo Road ..	Do. opposite Sassoon Mill.	Do. .. ..
421	8188 (1)	31, 33	3631	56	Chinchpoogli Road..	Health Dept. Stables and Ward Office.	Health ..

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
28,000	23,800	3,514·10	....	....	Used for milch cattle stables, &c.	....	
..	31,300	27·40	....	Garden ..	Used for the same purpose.	Nil.	
..	248	61·27	....	Public use ..	Do. ..	Nil.	
2,005	5,450	731·33	....	....	Depôt, ground latrines, tank, & Police chawls.	....	
..	250	30	1854	Public use ..	Used for the same purpose.	Nil.	Dipping well closed and stand pipe erected.
..	2,600	173·77	1854	Do. ..	Do. ..	Nil.	
267	5,800	1,535·28	1851	Do. ..	It is filled in and used for constructing road.	Nil.	
54,115	10,65,540 & 125,000	18,720·20	....	For reservoir ..	Used for the same purpose.	Nil.	Revenue from grass and tapping trees about Rs. 44 per annum.
..	2,000	..	....	....	....	Nil.	
62,411	35,000	3,962·00	1853	Market .. Fire Brigade. Public use ..	Used for the same purpose	1,221	Leased from Government for 99 years; yearly rent Rs. 185.
..	900	56·70	....	Public use ..	Do. ..	Nil.	Well closed and stand pipe erected.
..	50	..	....	Do. ..	Do. ..	Nil.	
50	1,000	73·28	1854	Do. ..	Do. ..	Nil.	
50	1,000	35·00	1854	Do. ..	Do. ..	Nil.	
..	250	17·01	....	Do. ..	Do. ..	Nil.	
500	25,000	3,283·80	1854	Do. ..	Do. ..	Nil.	
4,000	10,000	2,960·00	....	....	....	60 per month	Maintained by Police.
100	4,000	520·38	....	....	....	....	
..	66,000	16,066·66	Act VI of 1851.	Road Branch ..	To be filled in & portion used as depôt ground.	....	
1,212	2,400	1,212·00	....	....	....	....	
32,094	1,10,000	17,323·60	....	Water Branch ..	Used for the same purpose.	....	
32,448	21,000	2,481·00	....	Market ..	Do. ..	7,140	
16,864	22,400	11,235·00	Act VI, 1851	Road Branch ..	Being filled in and used for cultivation.	....	
62,462	2,29,200	59,941·00	1875	....	Used for the same purpose.	....	
..	50	78·54	....	Public use ..	Do. ..	Nil.	Dipping well filled in and stand pipe erected.
..	8,000	1,045·00	....	Water Branch..	Do. ..	Nil.	
..	34,000	1,442·50	....	Fire Brigade ..	Do.	....	Value will be increased owing to addition.
..	18,000	..	Act VI, 1851	Road ..	Do. ..	Nil.	
..	350	..	....	Public purpose.	Do. ..	Nil.	
..	350	46·11	....	Do.	Do. ..	Nil.	
3,000	6,600	736·00	....	Health ..	Do. ..	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
422	7438 (4), 7439 (1), 7440-42, 7443, 7444 (1-3)	29C, 31, 33 (1, 2, 3, 5), 5A and 5B	3644 & 3650	65, 66, 57	Parel Road and Ghorupdeo Road.	Victoria Garden.. ..	Supdt. of Municipal Gardens.
					Do. ..	Do. extension	
	7443 (2), 7813. (2)	4 & 4A, 8A	3722	56	Ghorupdeo Road ..	Dipping well opposite Kaiser-i-Hind Mills.	Water ..
423	7458, 7446-47 (1-2), (3), 7448 (1-2), (3), 7449 (4), 7466 (1), (2), 7445 (2), 7447 (1), 7462-66 (2), 7465, 8112, 8122, 7710-11	13, 1, 3A, 2B, 3, 3B, 3C, 37 to 47, 3, 5, 35A, 115 & 11	3635, 3632, 3636, 3637, 3642, 3639, 3640, 3641, 3628	66, 57	Victoria Garden Lane, Sussex Road, Connaught Road.	Victoria Extension ..	Supdt., Municipal Gardens, also Building.
424	896-97	34, 36	5689	87, 88	Stable Street ..	Vacant land	Health ..
425	960	89	6381	87	Kamathipura Bazar Road.	Dipping well with cattle-trough near Hindu temple	Water ..
426	911	64	6379	87, 88	Stable Street ..	Tank (filled in); land ..	Health ..
427	1000	207	6433	78	Kamathipura Bazar Road.	Dipping well (near Dhurmsala with cattle-troughs).	Water ..
428	1064 (2)	35A	5794	87	1st Kamathipura St.	Vacant land for latrines; dust-bin carts.	Health ..
429	3419 (2)	285A	3520	80, 81	Bellasis Bridge (north of) & east of B. B. & C. I. Ry. Lines.	For drainage works ..	Drainage ..
430	5881 (1)	2	3695	66	Matharpakady Village.	Matharpakady tank ..	Health ..
431	2571	521	6912	85	Falkland Road ..	Jadheoji Ragowji cattle-troughs.	Water ..
432	2735	93	6913	84	Falkland Road and Gilder Street.	Six-chambered latrines and urinals.	Health ..
433	7031 (1), 7031 (1A)	1, 1b	3604	65	Haines Road ..	Latrines and urinals ..	Do. ..
434	1 (2)	1a	3712	103	Shaik Buden Street..	Urinal	Do. ..
435	224 (2)	213a	3877	89	Huzaria Street ..	Do.	Do. ..
436	615 (2)	3a	401	88	Surti Mohola ..	Do.	Do. ..
437	7399 (2)	78a	3444	65	Clerk Road ..	Do.	Do. ..
438	4257 (5)	4	1/3516	65	Agripada	Vacant land	Building ..
439	7203 to 7206	18 to 21	1/3455, 1/3456	65	Do.	Do. house with shops.	Do. ..
440	4544, 4547, 4548, 4264	33, 37, 36, 37, 36,	3483	64 & 65	Do.	Vacant land	Do. ..
441	4520, 4535, 4543, 4263	9, 24, 32, 35	1A/3484	64 & 65	Do.	Do.	Do. ..
442	4567	56 & 53	3485	65	Do.	Do.	Do. ..
443	3935-36, 4564, 4255, 4257 (1), (2), (3), (4), (6), 4258 to 4264, 4352, 4353 (1) (2), 4354, 4355	27, 29 to 36, 122, 123, 23, 25 & 35, 1, 2, 3, 5, 30 to 34 (1), 3, 4	1-2A, 3A/3481, 3479 1/3480, 1-2/3516, 1C/3486	65	Do.	Do.	Do. ..
444	4257 (2)	1 to 3	3485 to 3487	65	Do.	Do.	Do. ..
	4090, 4091, 4092-93 (1), 4094 (1) (2), 4095 to 4099, 4101 to 4108, 4145, 4146	260, 277, 278, 280, 281, 2, 282 to 295, 63, 65	1-2-3-5/3528 & 1/3506	64	Do.	Do.	Do. ..
445	4430 (1)	290	1-3/3527, 3525, 1-2-3-5/3529 & 1/3505	64	Do.	Do.	Do. ..
446	6292 (2)	9a	3708	67	Tank Bander, Narelwadi.	Latrine	Health ..

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
2,11,784	12,27,800	156,254·00	1866	Public Garden..	Used for the same purpose.	7,000	Museum handed 9th Nov. 1885—Govt. Reso., General Dept., W. 3287 of 29th Aug. 1885. The building was erected in 1872 at a cost of Rs. 3,59,638-6-9. The museum building is insured for Rs. 3,25,000 and the museum contents for Rs. 50,000. 60,300 square yards area added from the ground purchased for extension.
..	..	5½	1854	Public use ..	Do. ..	Nil.	
..	1,25,274	117·58	1890	For road and garden and frontages.	Do.	....	
..	2,200	223·70	....	Health ..	Do. ..	Nil.	
50	250	7·06	....	Public use ..	Do. ..	Nil.	
444	20,000	2,095·22	....	Do. ..	Filled in and lying vacant.	Nil.	
50	1,300	90·22	....	Do. ..	Used for the same purpose.	Nil.	
..	1,350	135·33	....	Vacant ground & dust-bin carts.	Do. ..	....	
815	3,200	1,631·00	....	....	Used for the same purpose.	Nil.	There is no fixed income from these properties. The rights of cutting grass are annually sold.
..	2,500	978·50	1854	Public use ..	Do. ..	Nil.	
..	900	31·00	1878	Do. ..	Do. ..	Nil.	
150	3,700	103·67	....	Road ..	Do. ..	Nil.	
..	1,560	..	....	Public use ..	Do. ..	Nil.	
..	480	..	....	Do. ..	Do. ..	Nil.	
..	120	..	....	Do. ..	Do. ..	Nil.	
..	360	..	....	Do. ..	Do. ..	Nil.	
..	720	..	....	Do. ..	Do. ..	Nil.	
6,880	6,880	2,752·00	1891	Road and frontages.	Used for cultivation.	....	
26,700	26,700	8,975·00	1892	Do. ..	Do. ..	....	
9,255	9,200	2,468·00	1893	Do. ..	Do. ..	....	
..	13,000	..	....	....	Do. ..	....	
62,088	62,000	17,739·60	1892	....	Do. ..	....	
58,204	58,200	16,482·48	1893	....	Do. ..	....	
44,893	44,893	10,560·00	1893-94	....	Do. ..	....	
1,73,124	1,73,100	57,708·00	1893	....	Do. ..	....	
7,24,175	7,24,175	245,107·00	1893	....	.....	....	
..	500	24·11	....	....	Used for the same purpose.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
447	7806 (2)	91a	3724	67	Ghorupdeo Road ..	Latrine	Health ..
448	801 (2)	275a	5740	105	Northbrook Street ..	Urinal	Do. ..
449	807 (2)	133a	5743	105	Trimback Parashram Street.	Do.	Do. ..
450	829 (2)	2a	5747	106 & 86	Corsetji Suklaji St ..	Do.	Do. ..
451	2359 (2)	4a	6996	109	Grant Rd. Cross Lane	Do.	Do. ..
452	2880 (2)	21A	6931	86	Jairajbhai Street ..	Do.	Do. .. ..
453	2823 (2)	122A	2/7010	89	Bellasis Junction Rd. near Mustan Tank.	Drinking fountain ..	Do. ..
454	628 (2)	1A	3881	89	Bellasis Road near Bridge Junction of Glider Street.	Do. ..	Do. ..
455	5042 (2)	30A	3665	66	Mount Road near Agakhan's Tomb.	Do. ..	Do. ..
456	2121 (2)	77A	6439	78	14th Kamatipura St.	Stand-pipe	Water .. ..
457	3525 (2)	1A	3696	89	Parel Road ..	Do. (not in use at present).	Do. .. ..
458	7813 (2)	8A	3715	67	Tank Bunder, Kolliwada.	Stand-pipe	Do. .. ..
459	7042 (8)	87B	3461	65	Junction of Haines and D'Lisle Roads.	Do.	Do. .. ..
460	7031 (1B)	1C	3604	65	Haines Road near Byculla Bridge.	Fountain & cattle-trough	Do. .. ..
461	2331	299	6989	108	Grant Road ..	Stand-pipe & cattle-trough	Do. .. ..
462	6302 (1)	19	3708	67	On Port Trust Ground.	Do. do. ..	Do. .. ..
463	4066-67 / 4457-59 / 4066-67	102 to 107, 111-113, 254	1/3533	64	Ripon Road ..	Vacant ground	Building ..
			1c/3508	64	Arthur Road ..	Do.	Do. ..
464	4072 to 4074	259 to 261	1/3531	64	Ripon Road ..	Do.	Do. ..
465	3800	2	1/3588 & 2/3690	65	Sankli Street ..	Fire Brigade Station ..	Fire Brigade ..
466	6057	10	1/3232	70	Mazagon, Koliwada.	Vacant ground ..	Drainage ..
467	4566	5	1/3486, 2A/3487 & 4/3590	65	Agripada, Haines Rd.	Do.	Building ..
468	4467	123	3/3508	64	Arthur Road ..	Do.	Do. ..
469	6348, 6353 (1-2)	1-2, 25	3732	67	Tank Bandar, Hindu Burning and Burial-Ground.	Burning and burial-ground	Health ..
470	3123	4	3516	63	Bellasis Road ..	Vacant land	Building ..
471	3424	5	1/3515	63	Arthur Road ..	Do.	Do. ..
472	1465 (2)	100	6294	87	Kamatipura 7th St ..	Latrines	Health ..
473	1838 (2)	86A	6805	87	Do. 9th St ..	Urinal and Latrines ..	Do. ..
474	5182	51, 53, 55, 57	3523	71	Junction of Gunpowder and Coppersmith Street.	House	Building Dept ..
475	5308	116, 118, 120	3522	71	Do. ..	Do.	Do. ..
476	5180, 5181	47, 49	3524	71	Gunpowder Road ..	Land, Building and Well ..	Do. ..
477	5307	114	3522	71	Coppersmith Street.	House	Do. ..
478	5305, 5306	106 to 110, 112	3521	71	Do. ..	Do.	Do. ..
479	5320	1A	3520	71	Do. ..	Do.	Do. ..

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	500	19·84	....	....	Used for the same purpose.	Nil.	
..	120	..	....	Road	Do. ..	....	
..	25	..	....	....	....	....	
..	925	..	1893	....	....	....	
..	750	..	....	....	....	....	
111	110	..	1894	Road	Used for the same purpose.	Nil.	
..	100	..	....	....	....	....	
..	50	..	....	....	....	....	
..	100	..	....	....	....	...	
..	50	..	....	....	....	....	
..	25	..	....	....	....	....	
..	50	9·17	....	Public use ..	....	...	
..	50	..	....	Road	....	...	
..	300	..	....	....	....	....	
..	150	2·57	....	Public use ..	....	....	
..	400	14·44	....	Do. ..	Used for the same purpose.	....	Lately shifted near the new road (Victoria Road Extension).
66,994	66,994	19,297·00	1893	Road and frontages.	Do. ..	....	
27,561	27,561	7,704·00	1893	....	....	....	
17,927	18,315	5,908	1893	....	....	....	
29,333	29,587	1,859·04	6-12-93	Fire Brigade ..	Used for the same purpose.	....	
933	738	123·00	1894	Public use ..	Do. ..	....	
27,991	27,991	6,393·00	1894	New Road ..	Cultivation ..	....	
..	1,116	558·33	1894	Do. ..	Do. ..	....	
..	1,52,900	3,058·13	1883	Burial ground..	Used for the same purpose.	Nil.	
6,880	6,880	2,752·00	1892	Rd. & frontages	Do. ..	....	
5,379	5,371	2,689·69	1894	....	....	....	
1,500 / 2,000	3,000	45·50	....	Public use ..	Used for the same purpose.	Nil.	Rs. 2,000 were spent in 1896 for remodelling.
..	6,090	94	1-2-96	For the Reay Road and its frontages.	Do. ..	Nil.	Building has been pulled down.
..	2,750	683	26-3-96	Do. ..	Do. ..	Nil.	Do. do.
..	7,500	337	26-3-96	Do. ..	Do. ..	Nil.	Do. do.
..	12,200	192½	17-4-96	Do. ..	Do. ..	Nil.	Do. do.
..	5,175	210	9-11-96	Do. ..	Do. ..	Nil.	A portion of the building has been pulled down.
..	1,000	55·86	3-11-96	Do. ..	Do. ..	Nil.	Building has been pulled down.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
480	5325	16	3536	71	Coppersmith Oart near Nowghur Tank	House	Building ..
481	532	17	3535	71	Do. do. ..	Do.	Do. ..
482	5368	54	3537	71	Do. do. ..	Do.	Do. ..
483	5367	53	3548	71	Do. do. ..	Do.	Do. ..
484	5327	18	3534	71	Do. do. ..	Do.	Do. ..
485	5369	55	3538	71	Coppersmith Oart ..	Do.	Do. ..
486	5370	56	3539	71	Do. ..	Do.	Do. .
487	5363	49	3540	71	Do. ..	Do.	Do. ..
488	5371, 5372	57, 58	3542	71	Do. ..	Do.	Do. ..
489	5362	48	3541	71	Do. ..	Do.	Do. ..
490	5373	59	3543	71	Do. ..	Do.	Do. ..
491	5378	64	3577	71	Do. ..	Do.	Do.
492	5379	65	3578	71	Do. ..	Do.	Do. ..
493	5380	66	3579	71	Do. ..	House and well	Do. ..
494	5381, 5382 and 5383	67, 68, 69	3580	71	Do. ..	Land and building ..	Do. ..
495	3882	69	..	..	Ripon Road ..	Land	Health ..
496	3736 (4)	5	..	..	Do. ..	Do.	Building ..
497	5293-92	34, 36 (1), 38			Coppersmith Road	House with Stable ..	Do. ..
498	5302	96			Do. ..	Well	Do. ..
499	5326	17			Do. ..	Land	Do. ..
500	5368	54	3591	71	Do. ..	House	Do. ..
501	5377	63			Do. ..	Well	Do. ..
502	5761	12, 14, 16			Dockyard Road ..	House	Do. ..
503	5762	18			Do. ..	Do.	Do. ..
504	5700	21, 23	3458	71	Do. ..	Do.	Do. ..
505	5146, 5147	1 and 2	3597	93	D'Lima Street ..	Houses and Land ..	Do. ..
506	5098	3	3598	93 & 94	West of D'Lima Street.	House	Do. ..
507	5097	27	3599	93	Do. ..	Old plinth and land ..	Do. ..
508	5093	2	3598	93	Do. ..	House	Do. ..
509	5090	3	1-2 / 3599 & 5 / & 3600	93	D'Lima Street ..	Land and buildings ..	Do. ..
510	5091	4					
511	5085	4 to 8	1 / 3600	93	Do. ..	Do. ..	Do. ..
512	.....	....	..	..	Dockyard Road near Peddar Market.	Urinal	Health ..
513	.....	....	..	..	Parel Road near Richardson and Cruddass Iron Works.	Do.	Do. ..
514	.....	....	..	..	Bapty Road ..	Stand-pipe	Water ..
515	1, 2 / 4933	64, 64 (a)	3710	66 & 67	Nariawady near Mount Road. ..	Land, Agiari and out-houses.	Building ..
516	6311 (1)	28	3708	67	Tank Bandar Road.	Land	Do. ..
517	6311 (2)	28 (a)					
518	7082 (1a)	153 AA	3154	66	Haines Road ..	Chowki	Road Dept. ..
519	7899 (2)	78 A	3444	65	Do. ..	Urinal and Latrines ..	Health ..
520	7097 (4d)	1 AA	3470	65	DeLisle Road ..	Do.	Do. ..
521	6957	4	3232	70	Mazagon, Kolwada.	Latrine	Do. ..

Ward E—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	4,500	138	7-1-96	For the Reay Road and its frontages.	Used for the same purpose.	Nil.	Building has been pulled down.
..	4,000	120	11-2-95	Do. ..	Do. ..	Nil.	Do. do.
..	5,000	82	24-7-95	Do. ..	Do. ..	Nil.	Do. do.
..	3,450	127½	23-5-96	Do. ..	Do. ..	Nil.	Do. do.
..	6,448·75	220	21-9-97	Do. ..	Do. ..	Nil.	Do. do.
..	69,194	113½	18-12-96	Do. ..	Do. ..	Nil.	
..	2,000	123	10-8-96	Do. ..	Do. ..	Nil.	Do. do.
..	1,336	55	2-11-96	Do. ..	Do. ..	Nil.	Do. do.
..	1,930	90½	4-11-95	Do. ..	Do. ..	Nil.	Do. do.
..	7,974	82	26-6-96	Do. ..	Do. ..	Nil.	Do. do.
..	2,500	81½	10-10-96	Do. ..	Do. ..	Nil.	Do. do.
..	4,000	138½	19-12-95	Do. ..	Do. ..	Nil.	Do. do.
..	2,200	63	26-6-96	Do. ..	Do. ..	Nil.	Do. do.
..	6,000	108½	20-12-95	Do. ..	Do. ..	Nil.	Do. do.
..	2,700	394	23-5-96	Do. ..	Do. ..	Nil.	Do. do.
..	231	33	....	Public ..	Do. ..	Nil.	For keeping a dust-bin cart.
..	126	18	....	Road ..	Do. ..	Nil.	
..	60,000	7,452	22-2-95	For Reay Road and its frontages.	Rented ..	Rs. 70 per month from 1-10-95.	
					Used for the same purpose.	Nil.	This building has been pulled down.
..	13,000	291	26-3-97	Do. ..	Do. ..	Nil.	The house has been pulled down.
..	17,053	737·50	2-12-96	Do. ..	Do. ..	Nil.	Buildings are being pulled down.
..	13,788	689	2-11-96	Do. ..	Do. ..	Nil.	Building has been pulled down.
..	1,669	271	12-9-96	Do. ..	Do. .	Nil.	Do.
..	8,115	237	12-8-96	Do. ..	Do. .	Nil.	Buildings are pulled down.
..	25,000	1649	26-4-95	Do. ..	Do. ..	Nil.	
..	1,200	44·05	11-1-98	For bridge and northern approach of Reay Road.	Do. ..	Nil.	The building is being pulled down.
..	..	..	....	Public use ..	Do. ..	Nil.	
..	..	..	....	Do. .	Do. ..	Nil.	
..	..	..	....	....	....		
..	30,000	3,040·20	7-12-96	Victoria Road extension.	Used for the same purpose.	Nil.	
..	1,64,000	32,799·95	31-3-98	Burial Ground for Mahomedans & Jews.	Do. ..	Nil.	
40	30	3·25	1894	Public use ..	Do.	Nil.	
489	489	9	1895	Do.	Do.	Nil.	
3,000	1,500	8·50	1891	Do.	Do.	Nil.	
3,498	3,498	136	1895	Do. .	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
522	4267	39, 43	3482	63, 64, 65, 80 & 81	Agripada	Land	Drainage .
523	537 (1)	444	5,683	104	Junction of Bellasis Road with Duncan Road.	Urinal	Health ..
524	4864 to 4871 (1-6)	25 1 to 6, 27	3709	66-67	Mount Road ..	Land, Buildings and Wells	Building ..
525	5876	102	..	..	Matarpacady Road..	Vacant land with a standpipe.	Water .
526	916 (2)	78A	..	..	Stable Street ..	Urinal	Drainage ..
527	5760	7	..	..	Dock Yard Road ..	Well	Water Works .
528	7207 (1) 7207 (2) 7208 (1)	90-92 (1) (1)	3466	68	D'Lisle Road ..	Land	Building ..

Ward E—*concluded.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yd.				Rs.	
23,163	23,163	7,721	1893	Public use ..	....	....	There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
864	860	..	1896	Do. ..	Used for the same purpose.	Nil.	
1,20,000	1,20,000	23,496	10-4-97	Burial ground for Jews and Beni-Israels.	....	Nil.	
..	..	241	1854	Public ..	For the same purpose.	Nil.	
..	..	1½	....	Do. ..	Do. ..	..	
..	..	362	1854	Do. ..	....	Nil.	
24,079·15	..	5,196·75	9-9-95	....	....	..	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
529	84	602	2515	50	Parel Road	Photometer house ..	Lighting ..
530	858 (1)	115	2/2598	41	Elphinstone Road ..	Land for market ..	Road ..
531	518 to 520, 515 (1-2) (3)	(1) 48 (148A, 148B), 151, 152, 153	3,8,59,6/2001	30, 31	Dadar Road ..	F and G Ward stables and Inspector's Offices.	Health ..
532	536, 537	169, 170	1(a)/2008	31	Do. ..	Ward Offices	Assessment and Road.
533	831 (1), (2)	191, 191A	2088	31	Naigam Cross Road.	Naigam Tank	Garden ..
534	831 (3)	191-B	2088	31	Naigam Cross Road.	Fire Brigade station ..	Chief of Fire Brigade.
535	1080	8	2403	56	Parel Tank Road towards Kalachouki Road.	Stand pipe	Water ..
536	1081	9	2403	56	Do. (close to the above).	Stand-pipe (for low castes.)	Do. ..
537	1143	71	2425	51	Golanji Hill Road ..	Public latrines	Health ..
538	2543	1237	2488	40	Parel Village ..	Well	Water ..
539	2619	1813	2488	40	Do. ..	Stand pipe	Do. ..
540	2629	1323	66/2488	40	Do. ..	Land	Building ..
541	1441	135	10/2123	40	Bhoiwada, Parel, Thakorwadi.	Stand pipe	Water .. ..
542	1906 (3)	600-B	2206	32	Naigam Road ..	Fountain with cattle-trough.	Do. .. ..
543	2385	1079	25/2273	39	Sevri Road (Dhakti Sevri.)	Stand-pipe and cattle-trough.	Do. .. ..
544	2750	1444	22/2488	51	Parel Back Road Village.	Stand pipe	Do. .. ..
545	2845 (2)	86-A	2345	88	Sevri Fort Road ..	Tank	Do. .. ..
546	4528(2),4529(2)	1769A, 1770A	1/1101, 2/1104	21, 30	Matunga Road ..	Land, Lepers' Home, Chapel House.	Health ..
547	4877	2118	983	21	Gowari	Tank	Water ..

Properties—Ward F.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
1,000	1,900	132·28	1873	Photometer house.	Used for the same purpose.	Nil.	
1,698	9,500	2,732·00	G. R. Nos. 4351 26-8-75; 4683 14-7-88	For Market.	Depôt Road Branch.	Nil.	
9,801	72,968	8,554·00	Collector's No. 227 29-1-89	For F and G Ward stables.	Used for the same purpose.	Nil.	
16,144	16,100	978·68	1888	Assessment & Engineer's Dept. Ward Offices.	Do.	Nil.	
8,024	44,300	32,404·83	Government Proclamation of 1854.	Public use.	Do.	200	Right for fishing and vegetables for one year sold. A portion of the tank measuring 829·71 sq. yds. has been reclaimed, and a building for the Fire-Brigade station has been built over it.
8,098	8,098	829·71	1895	Fire Brigade station.	Do.	....	
50	800	17·10	....	For dipping well.	Do.	Nil.	Dipping well closed and stand pipe erected.
....	180	14·67	....	For stand-pipe.	Do.	Nil.	
150	5,511	341·00	....	For public latrine.	Do.	Nil.	
50	560	100·88	....	For well ..	Do.	Nil.	
50	230	24·34	....	Do. ..	Do.	Nil.	Dipping well closed and stand-pipe erected.
....	100	68·41	....	Do. ..	Lying vacant.	Nil.	Formerly there was a well which has been reclaimed by the Water Works Dept.
50	230	22·34	....	For dipping well and cattle-trough.	For the same purpose.	Nil.	Dipping well closed and stand pipe erected.
....	850	16·11	....	For fountain with cattle-trough.	Do. ..	Nil.	Gift from Dr. Batliwalla.
....	1,600	50·28	....	For stand-pipe and cattle-trough.	Do. ..	Nil.	With over head tank for storing water.
....	180	19·68	....	For dipping well.	Do. ..	Nil.	Dipping well closed and stand-pipe erected.
564	2,900	2,032·88	Government Proclamation of 1854.	For tank ..	Do. ..	Nil.	
10,988	16,900	33,830·00	G.R. No.1635 of 2-7-70.	Burial ground.	Do. ..	....	
1056	3,000	4,451·78	Government Proclamation of 1854	Public use..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
548	5188	2429	939	21	Matunga	Futka tank and well ..	Water ..
549	5845	3086	644	15	Sec Road, south-east of Agarwada.	Satgar tank	Do. ..
550	6065	3306	1/585	6	Do. south-west	Land, stand-pipe and cattle-troughs.	Do. ..
551	6940 (2)	407 A	1182	32	Matunga Road near Vithoba Temple.	Fountain with cattle-trough.	Do. ..
552	7061 (1)	628	1/887, 2/887	22	Matunga Maharwada	Maharwada tank and land	Do. ..
553	7062-63	629, 630	3/887, 6/887	22	Do. ..	Low-caste Hindoo burial-ground.	Health ..
554	7798	1365	2/922	21	Matunga Road near Futka tank.	Stand-pipe	Water ..
555	6079 (1)	3320	544	6	Sion Road ..	Night-soil Depôt and latrines.	Health ..
556	7947(1) to 8000	1564 to 1567	781, 782	13, 14	Do. ..	R. C. Cemetery	Trustees and Warden, N.S. Goria.
557	3182 (2)	423 A	2318	39	Sewri Road ..	Public latrines	Do. ..
558	6322	3563	628	15	Sion Agerwada, north-east of Sion sluice house 48" Tansa main.	Kalay tank	Water ..
559	1513	207	2115	40	Bholwada, Bamnoli.	Land for Night-soil Depôt.	Health .
560	743 (1)	103	2031	31, 40	Dadar Road ..	Chawl, &c.	Building ..
561	7925 (2)	1492A	802	14	Sion Road	Well and land . ..	Water ..
562	8602	843	2160	32	Wadala Village ..	Stand-pipe	Do. ..
563	8707 (2)	948A	4/2157	32	Matunga Road ..	Vacant land .. .	Road ..
564	4009	1250	1059	20	Antop Hill (Matunga).	Jewish prostitute burial-ground.	Health ..
565	2478 (3)	1172 B	2485	31	Parel Tank and Golanji Hill Roads Junction.	Drinking fountain ..	Water ..
566	2839 (2)	80 A	2347	32	Sewri, Koliwada ..	Stand-pipe	Do. ..
567	2127 (2)	821 A	2101	32	Sewri Cross Road ..	Do.	Do. ..
568	162 (2)	110 A	2605	41	Suparibag Road ..	Do.	Do. ..
569	6441 (2)	8 A	2/1262	31	Naigam Cross Rd. & Dadar Rd. Junc.	Do. .. .	Do. ..
570	887 (3)	20 A	1967	41	Elphinstone and Dadar Road Junction.	Drinking fountain and cattle-troughs.	Do. ..
571	542 (2)	1 A	2567	50	Suparibag and Parel Road Junction.	Stand-pipe and cattle-trough.	Do. ..
572	4738 (2)	1974 A	1002	21	Gowari Village ..	Stand-pipe	Do. ..
573	6870(2)	487 A	909	21	Matunga Khada (village).	Do.	Do. ..
574	7034(2)	601 A	4/872	22	Do. Bhandarwada (village).	Do. .. .	Do. ..

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
870	4,000	3,499·00	Government Proclamation of 1854	Public use..	Used for the same purpose.	Nil.	
1,740	4,500	6,600·00	Do. ..	Do.	Do.	Nil.	
50	470	52·67	1870	For dipping well and cattle-trough.	Do.	Nil.	Dipping well closed and stand-pipe erected.
....	400	17·00	....	Fountain with cattle-trough.	Do.	Nil.	
3,024	3,600	12,734·83	Collector's No. 1263 27-9-79	Public use..	Do.	....	
....	170	450·00	....	Do.	Do.	Nil.	
50	300	21·34	....	Do.	Do.	Nil.	Dipping well closed and stand-pipe erected.
.. .	800	72·00	....	Night-soil Depôt.	Do.	Nil.	
....	900	36,191·00	1868 ..	For Cemetery.	Do.	....	
....	2,250	422·00	1869 ..	For latrine.	Do.	Nil.	
....	1,800	6,115·88	G. P. of 1854	For tank.	Do.	Nil.	
.. .	400	800·00	G. R. No. 2316 of 17-3-84.	Night-soil Depôt.	Do.	Nil.	
....	13,900	894·44	1884	For Matoonga Road.	Partly pulled down for the road and the remaining rooms let out.	Rs. 12 per month.	Purchased in lump-sum for Rs. 40,000 including 8,376 square yards of ground with the Chawl.
....	400	28·26	....	For well, &c.	For the same purpose.	Nil.	On site of the former salt pans.
50	250	22·12	....	Do.	Do.	Nil.	Dipping well closed and stand-pipe erected.
50	370	38·00	....	Do.	Do.	Nil.	Dipping well and ground added to footpath.
....	600	1,570·00	....	For burial ground.	Do.	....	
....	175	2·64	....	For stand-pipe.	Do.	Nil.	
....	50	7·32	....	Do.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	
....	175	3·41	....	Do.	Do.	Nil.	Fountain.
....	175	4·79	....	Do.	Do.	Nil.	Do.
....	50	4·91	....	Do.	Do.	Nil.	Stand-pipe removed and drinking fountain and cattle trough erected.
....	800	76·52	....	Stand-pipe and cattle-trough.	Do.	Nil.	
....	40	1·00	....	For stand-pipe.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	
....	40	1·00	....	Do.	Do.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
575	7061 (2)	628 A	887	22	Matunga Maharwada (village.)	Stand-pipe	Water ..
576	896 (2)	256A	5/2094	32	Naigaum Road ..	Do.	Do. ..
577	1894	588	2153	32	Do.	Cattle-trough	Do. ..
578	2779 (2)	20A	2395	51	Sewri, Jakaria Bandar Road.	Stand-pipe and cattle-trough.	Do. ..
579	1073 (2)	1A	2402	56	Parel Tank, Kala-Chowki, and Sewri Bandar Jokaria Roads Junction.	Cattle-troughs with a over head tank for storing water.	Do. ..
580	1321 (2)	15A	2487	51	Parel Village Main Road.	Latrine	Health ..
581	8205 (2)	1772	15/735	14	Sion Road	Sluice House and land (Vehar 24" main.)	Water ..
582	923 (2)	283	4/2066	40	Bhoiwada Road ..	Do. do.	Do. ..
583	2748	1442	{3/22/2468}	51	Parel Back Road ..	Latrine	Health ..
584	646	6	1/2046	31	Dadar Road ..	Vacant land	Building ..
585	644-645	4 & 5	3 & 4/2042	31	Do.	Do.	Do. ..
586	....	....	2247	39	Sewri Dhakti ..	Stand-pipe	Water ..
587	358 (3)	115B	2/2598	41	Do.	Chowki	Road Dept. ..
588	1134 (2)	62A	2432	51	Parel Tank Road ..	Executive Engineer's Chowki.	Do. ..
589	1202 (2)	130A	2366	52	Golanji Hill Road ..	Slicher's Incinerator ..	Health Dept. ..
590	6260 (2)	3501A	1/629	15	Sion Agarwada ..	Sluice House (Tansa 48" main.)	Water ..
591	6852 (2)	419A	1109	33	Do.	Chowki	Road Dept. ..
592	7804	1371	808	21	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..

Ward F—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
....	40	1·00	....	For stand-pipe.	Used for the same purpose.	Nil.	
....	30	4·43	....	Do.	Do.	Nil.	
70	70	17·21	....	For cattle-trough.	Do. ..	Nil.	Supply stopped at present.
....	40	1·42	....	For stand-pipe.	Do. ..	Nil.	
....	75	16·44	....	For cattle-troughs.	Do. ..	Nil.	
2,304	2,304	106·88	1896	For latrines.	Do. ..	Nil.	The old latrine has been demolished and a new one has been constructed in its place. It is not ascertained whether the ground belongs to the Municipality.
.....	1,176	500	....	For sluice house.	Do. ..	Nil.	
....	1,022	346	....	Do. ..	Do. ..	Nil.	
6,392	5,622	92	1895	For latrine.	Do. ..	Nil.	
3,705	3,705	3,965·47	1895	For the extension of Dadar Road.	Lying vacant.	Nil.	
3,943	3,943	1,220·31	1895	Do. ..	Do. ..	Nil.	
1,107	1,107	4·75	....	For stand-pipe.	....	....	
80	80	5	1894	For Chowki	Do. ..	Nil.	
80	80	5	1894	Do. ..	Used for the same purpose.	Nil.	
938	1,567	483·67	1894	For Incinerator.	Do. ..	Nil.	A nominal rent of 9 pies p. a. is charged by Govt.
...	4,400	70	1891	Sluice house	Do. ..	Nil.	
80	80	5	1894	For Chowki	Do. ..	Nil.	
3,693	3,693	3,558	9-4-91	For Matunga Road.	Partly used for new Matunga Road and partly lying vacant.	....	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
593	7781	1348	P 16/926				
594	P/7780	1347	P 17/926	21			
595	P/7779	1346	P 18/926	21			
596	P/7778	1345	P 19/926	21		Land purchased for the Matunga Roads.	
597	P/7797	1364	P 2/927	21			
598	P/7773	1340	P 1/924	21			
599	P/7772	1339	P 2/924	21			
600	P/7767	1334	P 6/924	21			
601	7770	1337	4 A/924	21	New Dadar-Matunga Road.		Building ...
602	7800	1367	W 1/928	21		Government vacant land...	
603	7800	1367	W 1/928	21		Do. passage ...	
604	P P 7692, 7784 (1)	1259, 1351	P 81/925 P 13/926	21 & 22			
605	P/7782, 7783	1350, 1349	P 14, W 15/926	21			
606	7769	1336	W 4/924	21			
607	7768	1335	W 5/924	21		Land purchased for the Matunga Roads.	
608	7730	1297	W 53/926	21 & 22			
609	7733, 7735	1302, 1300	W 51 & 55/925	21 & 22			
610	P/7700	1267	72/926	....			
611	P/7735	....	W 51 A/925	21 & 22			

Ward F—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
....	....	....	....			400	Right sold for one year ending 30th June 1897 for cutting grass, cultivating the land and removing fruit from the mango and cocoanut trees, and for drawing toddy from brab, date and cocoanut trees growing on the plots of Municipal land along the sides of the new road from Dadar to Matunga now called "Vincent Road."
5,546	5,546	3,791	1891				
Got from Govt.	361	48 813	....	For Matunga Roads.	Partly used for new Matunga Roads and partly lying vacant.		
120	120	95	3-2-91				
1,174	1,174	1,256	26-1-91				
819	819	858	3-2-91				
1,333	1,383	652 411	3-2-91				
916	916	916	22-5-91				Rs. 650 paid for the shed standing on the ground.
650	650	....	1891				
1,761	1,761	761	26-5-91				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
612	7736	1303	W 52 / 925	21 & 22			
613	7731	1298	W 54 / 925	21 & 22			
614	P / 7729	1296	P 80 / 925	21 & 22			
	7707	1274	P 80 / 925	21 & 22			
	P / 7707	1274	P 80 / 925	21 & 22			
	7728	1295	W 80 A / 925	21 & 22			
615	P / 7725	1292	P 79 / 925	21 & 22			
616	Nil.	Nil.	925	21 & 22		Government passage.	
617	7430	997	W 4 / 862	22		Do.	
618	7429	996	W 5 / 862	22			
619	7417, 7422	984, 989	W 1 & 2 A / 863	21 & 22			
620	7399	966	W 2 / 871	22			
621	7405	972	W 1 / 869	22	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building.
622	7406	973	W 2 / 869	22			
623	7412	979	W 1 / 866	22			
624	7404	971	W 1 / 870				
625	7402	969	W 3 / 870	22			
626	7407	974	W 5 / 870				
627	7403	970	W 2 / 870	22			
628	7408	975	W 4 / 870	22			
629	P / 7131	598	P 1 / 872	22			
630	7030	597	872	22		Public passage.	
631	7031, 7032	598 & 599	P 1 & 2 W / 872	22			
632	7037	604	W 9 / 877	22			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
1,100	1,100	777	3-2-91			400	
450	450	145	22-2-91				
1,565	1,565	853	....				
159	159	167	3-2-91				
239	239	238	26-1-91				
143	143	153	26-1-91				
55	55	47	30-1-91				
Got from Government.	560	560	1891				
	23	22					
285	285	85	3-2-91				
577	577	475	3-2-91				
683	683	688	3-2-91	For Matunga Roads.	Partly used for the new Matunga roads and partly lying vacant.		
429	429	384	3-2-91				
333	333	299	30-1-91				
3,239	3,239	2708	3-2-91				
		265					
1,430	1,430	266	3-2-91				
		591					
		530					
1,303	1,303	651	3-2-91				
9,044	9,044	6,766	3-2-91				
Got from Government.	444	395	3-2-91				
....	....	6,342	3-2-91				
10,955	10,955						

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
633	7389	956	W 1 A / 874	22			
634	7390	957	W 1 / 873	22			
635	7391	958	W 2 / 873	22			
636	....	.....	W 3 / 873	22		Government passage ..	
637	7045	612	W 1 / 877	22		Do. ..	
638	7042	609	W 4 / 877	22		Do. ..	
639	7044	611	W 2 / 877	22			
640	7043	610	W 3 / 877	22			
641	7049	616	W 1 / 906	22			
642	7050	617	W 2 / 906	22			
643	7051, 7056	618 & 623	W 1 & 2 / 905	22			
644	7054	621	W 7 / 905	22			
645	7055, 7052	622 & 619	W 3, 4 & 5 / 905	22	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building.
646	P / 6835	402	P 4 / 1109	22			
647	7130	697	W 4 / 1111	22			
648	7131	698	W 5 / 1111	22			
649	P 7121, 7122	688, 689	P 1 W 2 / 1114	22			
650	7289	856	W 1 / 1143	22			
651	7162	729	W 1 / 1173	22			
652	7161	728	W 2 / 1173	22			
653	7163	730	W / 1172	22			
654	6824	391	1238	31		Public passage ..	
655	P 6823	390	P 1 / 1237	31			
656	6825	392	W 1 / 1239	31			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
						400	
3,893	3,893	3,139	29-8-91				
Got from Government	91	86					
Do.	125	95	1891				
Do.	70	53					
991	991	1,093	5-2-91				
1,767	1,767	1,788	5-2-91				
4,955	4,955	4,119	5-2-91				
3,634	3,634	2,084	5-2-91				
		357					
3,677	3,677	2,491	5-2-91	For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
18,946	18,946	21,542	28-4-91				
300	300	371	28-4-91				
385	385	476	28-4-91				
1,778	1,778	2,162	1891				
525	525	508	23-2-91				
		109					
97	97	108	23-2-91				
1,806	1,806	2,125	12-3-91				
....	274	183	....				
12,649	12,649	1,665	23-2-91				
831	831	961	23-2-91				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
657	6783	350	W 7 / 1242	31			
658	6789	356	W 2 / 1242	31			
659	6818, 6819	385, 386	W 3, W 4 / 1236	31			
660	P / 6791	358	P 1 / 1235	31			
661	6794, 6797	361, 364	W 2, W 5 / 1233	31			
662	6709	366	W 7 / 1233	31			
663	P / 6449, 6450	16 & 17	P 2 / 1195	31			
664	6635	212	7 / 1206	31			
665	6636 to 6639	203 to 206	W 2, 3, 4, 5 / 1206	31			
666	P / 6814	381	P 2 / 1232	31			
667	6813	380	W 3 / 1232	31			
668	6624	191	W 1 / 1209	31	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..
669	P / 6623	190	P 2 / 1209	31			
670	P / 6634	201	P 7 A / 1206	31			
671	6618	200	8 / 1206	31			
672	6452	19	1 / 1195	31			
673	6640, 6632	207, 199	W 1-9 / 1206	31			
674	P / 6454	21	P 1 / 1194	31			
675	P / 707 (2) 829(2), 830 & 798	157A, 189A 190A	P 1 / 2089	31			
676	6591	158	10 / 1218	31			
677	765	125	P 1 / 2080	31			
678	766	126	W 2 / 2080				
679	766	127	P 3 / 2080				
680	768	128	P 1 / 2024				

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 358	Rs. 358	Sq. yds. 415	23-2-91			Rs. 400	
3,000	3,000	3,453	23-2-91				
7,656	7,656	8,877	23-2-91				
737	737	847	23-2-91				
964	964	1,118	23-2-91				
6,980	6,980	1,035 762 391	9-2-91				
5,186	5,186	2,948	9-2-91	For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
1,406	1,406	1,156	9-12-91				
2,772	2,772	1,066	9-2-91				
23,839	23,839	2,823 3,263	9-5-91				
46,630	46,630	12,174·62 4,419·56 16,594·18	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
681	P / 775 (1)	135	P 1 / 2026	31			
682	P / 775 (2)	135	P 1 A / 2026	31			
683	743 (1) 743 (3A)	103 BB 103 BB	P 1 / 2031	31 & 40			
684	744	104 A	A / 2030	31			
685							
686	P / 742	102	P 1 / 2035	40			
687							
688							
689							
690	P / 743	102	P 2 / 2035	40			
691	P / 607	27	P 1 / 2036	40 & 43			
692	6800	367	12 / 1232	31			
693	6802	369	W 10 / 1232				
694	7109	678	W 6 / 1119	22			
695	7112	679	W 2 / 1117		New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..
696	776	138	2 / 2027	31			
697	777	137	1 / 2027	31			
698	778, 779	139-136	3-4 / 2027	31			
699	769	120	2 / 2028	31			
700	770	130	1 / 2028	31			
701	7401, 7400	988-987	5, 1-2 / 871	22			
702	7428 to 7428	990 to 995	4,5,6,7,8,9 / 863				
703	7423	989	2 A / 863				
704	7327	894	2 / 1130	23			
705	7249	816	5 / 1151	23			
706	7241, 7243	808-810	6 / 1152 , 4 / 1152	23			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 1,327	Rs. 1,327	Sq. yds. 1,123	8-5-91			Rs. 400	
4,000	4,000	8,376	1891				
1,541	1,541	21,366⅔					
4,400	4,400	1,367	1-4-91				
3,319	3,319	948½					
1,061	1,061	948½					
4,841	4,841	813¾					
5,531	5,531	1,204	9-4-91				
2,428	2,428	717⅞	1891				
....	....	606	3-3-91				
856	856	536					
....	....	479	2-3-91				
699	699	388		For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
500	500	500·33					
610	610	609·89					
2,114	2,114	2,114·06	1891				
767	767	767·39					
3,325	3,325	3,321·63					
5,737	5,737	5,737·27	17-7-94				
832	832	1,331·01	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of Property.
707	7251	818	3/1151	23			
708	7137-38	704, 705	4-5/1174	22			
709	7288 (1-2), 7287, 1164	855A, 855, 854, 731	2-3/1143, 1/1171	22 & 32			
710	7288 (1), 7165, 7167	855, 732, 734	2/1143 & 2-4/1171	22 & 32			
711	7111, 7113	678, 680	1-3/1117	22			
712	7118	685	2/1116				
713	7226, 6767	803, 334	2/1153, 1/1243				
714	6684, 6633	251, 250	3/1251, 2/1251				
715	6741, 6784	308, 351	5/1247, 6/1242				
716	6676, 6762	245, 329	4/1255, 6/1243				
717	7319	886	& 2/1132	31 & 23	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building
718	7244, 7239	811, 806	3/1159, 5/1192				
719	6795-96, 6798	362, 363 and 365	3, 4, 6/1233				
720	6820, 6741	287, 310	4/1227, 8/1247				
721	6675-76	242, 243	6-7/1255 & 1-5/1241				
722	6778, 6752	345, 349					
723	7318	885	1/1132	31			
724	7409	976	868	22			
725	7110, 7116	636, 683	1 4 & 4/1116 1117	22			
726	7114	681					
727	6816	363	1/1236	31			
728	7325, 7323	892 & 890	4/1130 & 1/1131	22 & 23			
729	7107	674	2/1119	22			
730	6502 (1)	370	Western portion of 7 A/1232	31			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
						400	
6,433	6,433	8,949·61					
			1891				
2,607	2,607	3,626·98					
2,211	2,211	3,723·14					
4,824	4,824	6,711·82	1891				
				For Matunga Roads.	Partly used for the new Matunga Roads and partly lying vacant.		
3,892	3,892	5,414·66	1891				
2,497	2,497	3,804·38					
1,982	1,982	2,187·36					
1,373	1,373	2196·90					
1,641	1,641	2283·00					
			1891				
2,096	2,096	3,136·40					
729	729	1,037·17					
232	232	303·00					

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
731	6801	368	11/1232	31			
732	6821, 6579	588, 146	3/1237, 1/1233 & 1/1234	31			
733	6792	359					
734	7125, 7126	692, 693	1-2/1112 and western portion of	22			
735	7132, 7133	699, 709	1-2/1110				
736	7804	1371	1/808	21			
737	7242, 7254	800, 821	5/1152, 5/1150	23, 31 & 32			
738	7172, 6783	739, 350	1/1169, 7/1242 & 1/1148				
739	7269	836					
740	7166 (1) 7127 (2)	733, 691A	3/1171 western part of 1111 and northern part of	22 & 32	New Dadar-Matunga Road.	Land purchased for the Matunga Roads.	Building ..
741	7160 (2)	727A	8/1173				
742	7115, 7108	682, 675	5/1116, 1/1119	22			
743	7106, 7104	673, 671	5/1119, 8/1119	22			
744	7179 (1)	746	8/1167	32			
745	7326, 7324	893, 891	3/1130 & 2/1131	22 & 23			
746	6642 (1), 6641	208, 208	The whole of the North portion of 1/1204 up to 1/1205 of 1/1204	31			
747	6783	360	2/1234	31			
748	7771	1338	8/924	21			
749	7801, 7802	1368, 1369	2-3/928	21			

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
419	419	559·00	1891	For Matunga Roads.	Partly used for the New Matunga Roads and partly lying vacant.	400	
1,680	1,680	2,240·00	1891				
2,799	2 799	3,732·30	1891				
331	331	529·8	1891				
5,236	5,236	6,982·00	1891				
6,903	6,903	9,818·09	1891				
2,863	2,863	3,983·77	1891				
2,267	2,267	3,022·50	1891				
2,358	2,358	3,598·30	1891				
2,782	2,782	3710	1891				
242	242	323	1891				
640	640	660·28	1891				
687	687	845·00	1891				

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
750	7053, 7055	622, 620	5-8 / 905	21			
751	6817	384	2 / 1256	31			
752	6679 (1), 6641	246, 208	3 / 1255, 1 / 1205	31			
753	6651, 6652	218, 219	2-3 / 1199 on the east side thereof, also on the side thereof, &c.				
754	6643 (1)	210	1203				
755	7039	606	7 / 977	22			
756	7040, 7041, 7038	608, 607 & 605	5, 6 / 877 & 8 / 877	22			
757	7182 (2)	749 A	1166	32			
758	7179 (1) 7191	746, 748	3 / 1167	32			
759	7197	764	1163	31 & 32			
760	7194 to 96	761 to 763	1, 2, 3 / 1164	32	New Road from Dadar to Matunga.	Land purchased for the Matunga Roads.	Building ..
761	7173-78	740 to 745	1, 2, 3, 4, 5, 6 / 1168	31 & 32			
762	7628	1396	5 / 810	72 & 104			
763	7847, 7849	1414, 1416 & others.	3, 4 / 810	21 & 22			
764	7826-27	1393-1394	3-4 / 810				
765	7924	1491	10 / 811				
766	7845	1412	6 / 812				
767	7868, 7829	905, 896	1 / 1127, 1 / 1129				
768	7330, 7331	897 to 898	2 / 1129, 3 / 1129	22 & 23			
769	7732	899	4 / 1129				
770	....	....	8 / 2464	..	Parel Bholwada ..	Land for latrine ..	Drainage ..
771	6 (2)	6a	3847	60	Mahalaxmi, Hornby Vellard, North Junction of Worli Road.	Fountain with cattle-trough.	Water ..
772	1321 (2)	15A	2487	40	Parel Village near Night Soil Depôt.	Latrine	Health ..

Ward F—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	Remarks.
Rs.	Rs.	Sq. yds.				Rs.	
2,486	2,486	2,566·00	1891	For Matunga Roads.	Partly used for the New Matunga Roads and partly lying vacant.	400	
1,391	1,391	1,855·00					
2,801	2,801	2,755·00					
432	432	576·00					
662	662	883·00					
1,559	1,559	448					
		1,361					
		5·00					
		266·00					
....	....	....	1891				
....	....	....					
1,750	1,750	5,156·00					
....	....	....					
....	....	....					
4,908	4,908	6,829·00					
202	202	99·86	16-12-96	Public use..	Vacant ..	Nil.	
....	2,000	25·69	....	Do. ..	Used for the same purpose.	Nil.	
2,786	2,785	....	1893	Do. ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
773	1321 (8)	15B	2487	40, 51	Parel Road ..	Hopper	Health .
774	2478 (3)	1172B	2485	33, 40	Parel Tank Road ..	Stand Pipe	Water ..
775	3544	785	131/2166	32, 33	Vadala Village ..	Land	Building ..
776	5263 (2)	2634A	6/931	21	Sco Road ..	Do.	Do. ..
777	....	....	1963	..	Junction of Elphinstone and Dadar Roads.	Fountain with cattle trough.	Water .. ..
778	7802 (2)	1369A	3/928	21	Vincent Road ..	Death Register Chowki ..	Health .. ..
779	....	....	..	..	Bhoiwada village ..	Land for latrine	Do. ..

Ward F—*concluded.*

Original Cost	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.					
1,331	1,331	38·50	....	Hopper ..	Used for the same purpose.	Nil.	
....	54	4·00	....	Public use..	Do. ..	Nil.	
....	28	28·00	....	Do. ..	Vacant ..	Nil.	
....	330	330	....	Do. ..	Do. ..	Nil.	
....	1,320	1898	....	Fountain & cattle trough.	Used for the same purpose.	Nil.	
....	..	..	.....	....	....	....	
....	..	..	....	Latrine ..	....	Nil.	

List of Municipal

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
780	18 (1)	18	3343, 8/3344	46, 47	Mahalaxmi, Hornby Vellard, North Jn. of Worli Road.	Bungalow at Love Grove and Cook-house.	
781	19 (1)	19	1,2/3360, 1,2,4/3354, 1,8/3356, 2/3357	46, 47	Do. ..	Pumping Engine house ..	
782	21	21	2/3352	46, 47	Do. ..	Tank and vacant land ..	Drainage ..
783	22 (1) 22(2), 23	22 22A, 23	1/3351	46, 47	Do. ..	Chawls and two other new chawls.	
784	43	43	3379	59	Hornby Vellard ..	Land	
785	44 (1), 44 (3), (5)	44, 44b, 44d	3378	59, 62, 63	Do. ..	Do.	
786	96 (1)	96	4/3352 and 3353	59, 47	Do. ..	Land for surface drainage..	
787	96 (2)	96 A	4/3352	47	Haines Road ..	Land (channel)	....
788	17	17	2/3345	47	Mahalaxmi Road ..	Chowki	....
789	18 (1A)	18AA			Do. ..	House with onthouse ..	....
790	18 (2)	18A	2/3343	47	Do. ..	Store shed (now pulled down.)	....
791	18 (3)	18B			Do. ..	Chowki (now pulled down)	....
792	19 (2)	19A	1,2,4/3354	47	Do. ..	Land	....
793	19 (3)	19B			Do. ..	New pumping station ..	....
794	20	20	2/3352	47	Do. ..	Chowki	....
795	45	45	3378	58	Clerk Road ..	Burial-ground for low-caste Hindus.	Health ..
796	46	46	2/3378	59, 47	Do. ..	Land 50 ft. on either side of main drain from Clerk Road to Love Grove Pumping Station.	Drainage ..
797	50 (1 and 2)	50, 50a	3423	57 & 58	Haines Road ..	Dhobies' lines and shop and enlargement	Health ..
798	50 (3)	50B	3423	57, 58	Do. ..	Land for washing clothes by steam.	
799	52 (1), 53 to 58 (1), 59 to 61, 72, 88, 94 98, and 65	52 to 58 and 59 to 61, 72, 88, 94, 98, 65	3377, 3376, 3374, 3373, 3372, 3371, 3370, A/3369, A/3367, 1/3365, 3355, 3/3354, 2/3353	47	Haines Road and Mahalaxmi Road.	Land for burial-ground ..	Health ..
800	51 (1)	51	3376	47	Haines Road ..	Land	....
801	52 (2)	52A	3377	47	Do. ..	Corrugated iron firewood shed.	Health ..
802	63	63	2/3367	47	Do. ..	Place for the disposal of the dead (Hindu, low-caste)	Do. ..
803	64	64	2/3367	47	Do. ..	Land	Do. ..
804	62 (1), (2)	62, 62A	3368	47	Haines Road and Mahalaxmi Road.	Foras Tank, now used as burial-ground.	Do. ..
805	398 (1)	398	1/3247	27	Worli Road (Nawapada).	Well	Water ..
806	830 (2, 3, 4, 5 and 6)	389a, 389b, 389c, 389d & 389e	3219	20	Worli Koliwada near the Fort.	Five Tanks	Do. ..
807	P/2540 (1)	5	3034	28	Worli Road ..	Land near the sluices ..	Road ..

Properties—Ward G.

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
3,34,655	8,34,000	..	....	....	Used for the same purpose	..	A. There is no fixed income from these properties. The rights of cutting grass are annually sold collectively in the month of May for a term of one year when different amounts are realized.
		23 acres & 833 sq. yds.	4-8-85 ..	....			
			G.R. No. 950/22-2-79	For surface drainage.			
				Do. ..			
				Do. ..			
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	7,422	14,844	G.R. No. 1931/15-4-78	Burial-ground..	Not in use ..	Nil.	
..	45,722	..	G.R. No. 701/10-7-79	For main drain..	Used for the same purpose.	Nil.	
70,000	1,50,000	19,058	G.R. No. 1465/7-3-77	For Dhobie ghat	Do. ..	Nil.	
40,000	90,944	156,067	....	Burial-ground ..	Not in use ..	Nil.	
..	..	..	....	....	....	..	
..	..	25	4-3-95	Fire-wood shed.	Used for the same purpose.	..	
..	42,690	25,380	Collector's No. 286 of 7-2-87.	Burial purposes.	Do.	..	
..	..	..	....	....	....	..	
5,000	11,240	19,280	Act VI of 1857..	Reservation Tank.	Not in use ..	Nil.	
50	8,000	169	G. B. 11-4-54 ..	For drinking purpose.	Used for the same purpose.	Nil.	
..	12,500	135·33 84·72 164·49 120·00 127·44	Do. ..	Do. ..	Do. ..	..	One of these is filled up with debris of fallen walls.
223	341	894	20-8-68 ..	Storing road materials.	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
808	984 (1 & 2)	160, 160a	2724	57, 58	Arthur and Haines Roads	Drying ground	Health ..
809	1007 (2)	12A	2728	57, 48, 49	Haines Road ..	Land (Tulsi 24" pipe line)	Water Works ..
810	985	162	2722	57, 58	Arthur Road ..	Foras tank (now filling up)	Health ..
811	986-92, 995, 996	164, 160, 168, 170 (1), (2), (3) to 178	2721, 1/2720; 2/2720, 3/2720	57	Do. ..	Hindu and Mahomedan burial-ground.	Do. ..
812	2347 (1)	173	2692, 2693	57	Arthur and De Lisle Roads.	Foras tank (now filling up)	Water and road.
813	1106	110	3/3131	47	Fergusson Road ..	Land	Building ..
814	1119 (2)	123A	1/3129	48	Do. ..	Do.	Do. ..
815	1120	124	2/3129	47, 48	Do. ..	Do.	Do. ..
816	1122 (1)	126	1/3128	47, 48	Do. ..	Do.	Do. ..
817	1123	126A	2/3128	4748	Do. ..	Do.	....
818	1181 (1)	183	3164	44	Warli Road (Sambhoo Mahadeo Pakadi).	Tank	Water ..
819	1181 (2)	183A	3164	44	Do. ..	Sambu tank and well ..	Do. ..
820	1384 (2)	383A	3205	44	Warli Road (Mathar Pakadi).	Well	Do. ..
821	1452 & 2539	451	3035	28	Warli Road ..	Sluice houses	Drainage ..
822	2540 (1)	5	3035, 3034 A	28	Do.	Land	Health ..
823	2340 (1)	554	2949	42	DeLisle and Parbhadevi Roads.	Foras tank ..	Drainage ..
824	2316 (2)	554A	2949	42	Do. .	Night-soil depôt ..	Health ..
825	2529 (1)	41	1/2676	42	Carroll Road ..	Land	Building ..
826	2532 (2, 3)	44 (A & B)	2648	42	Do. ..	Fire Brigade and lascars' quarters including road.	Chief of Fire Brigade.
827	2811 (1 & 2)	276, 276A	1752	29	Mahim Agar ..	Sowli Tank	Water ..
828	3507	971	1920	30	Elphinstone Road ..	Land	Building ..
829	3711	72	1287	23	Hasali near Lady Jamsetji Road.	Hasali tank	Water ..
830	4854 (1 & 2)	183, 183A	1603	24	Jambli Tank, Mahim Bazaar Road.	Jambli tank	Do. & Road ..
831	5303, 5304	43, 44	49	10	Durga Street ..	Land, Health Dept. stables	Health ..
832	5312	52	55	10	Mahim Custom Road	Police quarters and sowars' stables.	Streets & Buildings.
833	5884	310	Below 93	9, 12	Upper Mahim ..	Digbee tank	Water ..
834	6110 (1)	585	59	10	Mori Road.. ..	Sir Kavasji Jehangir Garden.	Supt. of Gardens.

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs. 40,000	Rs. 3,09,240	Sq. yds. 150,000	G.R. No. 5155 23-8-77	Dhobies' drying ground.	Used for the same purpose.	Rs. Nil.	
..	..	..	....	....	....	..	
5,000	19,615	19,600	Act VI of 1857..	Reservation Tank.	Not in use ..	Nil	
3,000	65,053	60,025	27-4-75, 15-2-82, 15-2-82, 14-2-82	For burial-ground.	Cultivation ..	..	
9,000	57,628	14,407	Act VI of 1857..	Reservation tank.	Road metal and rollers and water pipes.	60	Yearly for cutting grass. No fixed income.
..	906	302	....	For road ..	Surplus ground, vacant.	Nil.	
..	3,771	1,257					
..	5,400	1,800					
..	6,153	2,051					
..	..	..	....	....	....	..	
500	7,400	2,788	G. P. 11-4-54 ..	Drinking ..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	
50	1,675	78	G. P. 11-4-54 ..	Drinking ..	Used for the same purpose.	Nil.	Well at the south-west corner of the tank.
..	2,400	408	....	Drainage ..	Do. ..	..	B. There is no fixed income from these properties. The rights of fishing in the sluice are annually sold when different amounts are realized.
892	58,238	116,477	G.R. No. 1281 11-3-78	Drag channel ..	Do. ..	Nil.	Filling in cutchra.
3,000	19,669	17,718	Act VI of 1857..	Reservation ..	Not in use ..	Nil.	Partly filled up for erecting the night soil depot thereat.
13,172	22,150	..	....	Do. ..	Night-soil depôt	Nil.	
..	16,500	4,466	....	Night-soil depôt	Used for the same purpose and partly vacant.	Nil.	
..	25,280	..	....	Do. ..	Fire Brigade station.	Nil.	
300	7,900	5,302	G. P. 11-4-54 ..	Washing ..	Not in use ..	..	Planting and gathering shingodas. Annual rent Rs. 6.
2,722	2,725	5,449	26th Jan. 1869..	Road	Vacant ..	Nil.	
500	10,000	5,288	G. P. 11-4-54 ..	Public purpose..	Not in use ..	..	Income derived from the sale of the right of fishing.
200	13,000	3,977	Do. ..	Do. ..	Do. ..	..	Planting and gathering shingodas. Annual rent Rs. 3. Partly filled up and the ground used for metal depot.
..	6,500	5,178	G.R. No. 3493 11-10-67	Health Dept. stable.	Used for the same purpose.	Nil.	
..	5,666	1,666	....	Police	Do. ..	Nil.	
300	41,400	9,332	G. P. 11-4-54 ..	Public purpose..	Not in use ..	Nil.	
..	10,780	30,313	G.R. No. 774 4-2-75? 45 of 8-8-76	Garden ..	Garden ..	..	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
835	6110 (4 & 5)	585C, 585D	59	10	Mori Road.. ..	Fire Brigade and lascars' quarters.	Chief of Fire Brigade.
836	6110 (3)	585B	59	10	Do.	Land for cutchra filling in.	Health ..
837	6110 (2)	585A	59	10	Do.	Land under cultivation ..	....
838	6256	145, 146	511	6, 7	Dharavi Road ..	Sweeping ground for reclamation.	Building ..
839	6258-59	147, 148	2/51, 51[3]	6, 7	Do. ..	Site of sweeping.. ..	Health ..
840	6342 (1) (2)	231, 231A	Near 338	8	Do. ..	Chowki and sluice-house ..	Drainage ..
841	6865 (2)	755A	1/310	8	Do. ..	Well	Water ..
842	7871	1761	1/380	8	Do. ..	Land (R. C. cemetery) ..	Health ..
843	5347 (2)	202A	52	10	Durga Street ..	Land with latrines ..	Do. ..
844	7322 (2)	1202A	Between 475 & 474.	7 & 8	Dharavi Road ..	Land between Survey Nos. 474 & 475.	Building ..
845	1 (8)	1G	Nil.	59	Breach Vellard ..	Garden	Road ..
846	3670 (2)	32A	1277	23	Lady Jamsedji Road, Dadur.	Land for new road ..	Building ..
847	3669-69	30 & 31	1 & 2/1276	23	Do. ..	Do. ..	Do. ..
848	3709 (2)	70A	1286	23	Do. ..	Do. ..	Do ..
849	....	Nil.	Nil.	Nil.	Bandora	Land and slaughter-house, &c.	Supt. of Markets
850	....	Nil.	Nil.	Nil.	Do.	Grazing ground	Do.
851	7008 (2)	898A	207	8	Dharavi Road ..	Stand-pipe & cattle-trough	Water
852	5996 (3)	472A	64	9	Mori Road.. ..	Stand-pipe	Do.
853	5524 (2)	157A	10	10	Mahim Bazar, Lady Jamsedji Road Junction.	Drinking fountain ..	Do. ..
854	4744 (2)	73A	1536	11	Mahim Bazar near Police Chowki.	Stand-pipe	Do. ..
855	2736 (3)	201B	1636	11	Do. opposite House No. 2.	Do.	Do. ..
856	4569 (2)	928A	Between 1551 & 1573	24	Do. Bhandarwada..	Do.	Do. ..
857	5151 (2)	479A	54	12	Lady Jamsedji Road	Stand-pipe & cattle-trough	Do. ..
858	4974 (5)	862D	Opposite 1610 1/(20)	29	Mahim Bazar on Parbhadevi Road (Old Junction).	Stand-pipe	Do. ..
859	2838 (2)	303A	Opposite 1747.	28	Junction of New & Old Parbhadevi Roads.	Do.	Do. ..

Ward G—*continued.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	6,605	..	G.R. No. 774/4-2-75 4522 of 8-8-76	Garden ..	Fire Brigade ..	..	
..	41,381	..	Do. ..	Do. ..	Cutchra filling in.	..	
..	..	..	....	....	....	..	
	8,868	35,470	G.R. No. 528/21-1-87	Reclamation ..	Not in use ..	..	
15,900	10,061	40,214	G.R. No. 4737/8-8-77	Do. ..	Do. ..	Nil.	
	1,200	500	....	Drainage ..	Used for the same purpose.	..	B. The rights of fishing in the sluices are annually sold collectively in the month of March when different amounts are realized.
50	200	19·63	G. P. 11-4-54 ..	Public.. ..	Do. ..	Nil.	
..	1,351	5,430	1-12-68	Burial purposes.	Not in use ..	Nil.	
..	2,976	142	1895	Latrines ..	Used for the same purpose.	Nil.	No ground rent to be paid—*vide* Collector's No. 1630/16-8-89.
..	53	230	G.R. No. 8250/25-11-82	Burial.. ..	Not in use ..	Nil.	
..	10,000	1,810	....	Slopes of Vellard	Garden ..	Nil.	
..	894	617	31-7-91	For road ..	Vacant ..	Nil.	
..	6,616	4,410	20-10-91	Do. ..	Do. ..	Nil.	
..	7,444	2,977	5-8-91	Do. ..	Do. ..	Nil.	
2,34,298	2,71,717	10 acres	....	Slaughter-house.	Used for the same purpose.	194,696	Out of the Island of Bombay. Rs. 435 annual rent.
		411 acres	....	Grazing ground.	Do. ..	..	
..	470	56·25	....	Drinking ..	Do. ..	Nil.	
..	75	4·68	....	Do. ..	Do. ..	Nil.	Dipping well closed and stand-pipe erected.
..	207	3·67	....	Do. ..	Do. ..	Nil.	
..	80	3·55	....	Do. ..	Do. ..	Nil.	
..	80	3·33	....	Do. ..	Do ..	Nil.	
..	67	1·77	....	Do. ..	Do. ..	Nil.	
..	107	7·55	....	Do. ..	Do. ..	Nil.	
..	80	3·05	....	Do. ..	Do. ..	Nil.	
..	80	2·50	....	Do. ..	Do. ..	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in charge of the Property.
860	3689 (2)	50A	Opposite 1455	30	Dadar Road ..	Stand-pipe	Water ..
861	965 (2)	524A	Opposite 3226	27	Worli Koliwada near Customs Chowki.	Drinking fountain ..	Do. ..
862	865 (2)	424A	3220	26	Do. near Fort.	Do. ..	Do. ..
863	398 (2)	300A	3247	27	Do. Nawapada	Stand-pipe	Do. ..
864	1384 (3)	383B	3205	44	Do. Mhatarpakady.	Do.	Do. ..
865	133 (2)	35A	3300	44	Do. Motipakady	Do.	Do. ..
866	1107 (2)	111A	3131	47	Worli and Fergusson Roads Junction.	Do.	Do. ..
867	18 (4)	18C	3343	47	Worli Road, Love Grove sluices.	Do.	Do. ..
868	3450, 3451	914-15	1818 & 1936	42	Junction of DeLisle and Elphinstone Roads.	Drinking fountain and cattle-trough.	Do. ..
869	1 (9)	1 (H)	Nil.	62	H. Vellard, South end Junction, Clerk Rd.	Drinking fountain ..	Do. ..
870	6 (2)	6A	3346	60	Hornby Vellard, North.	Do. and cattle-trough.	Do. ..
871	3069 (2)	526A	Opposite 1814.	29	Mahim-Agar Khera Tank.	Stand-pipe	Do. ..
872	3435	899	1820	29	Dadar Kumbharwada.	Garden (Narsey Mahadeo).	Building ..
873	1090 (3)	94B	3156	47	Haines Road ..	Part of land	Do. ..
874	1105 (3) 1105 (4)	109B	3132	47	Fergusson Road ..	Do.	Do. ..
875	1104 (5)	108D	3129& 3132	47	Do. ..	Do.	Do. ..
			3133	47	Do. ..	Do.	Do. ..
876	2218 (3)	1214B	2768	48	Do. ..	Do.	Do. ..
877	2218 (4)	1214C	2768	48	Do. ..	Do.	Do. ..
878	2117 (2)	1113A	2810	48	Do. ..	Do.	Do. ..
879	1205 (1)	207A	3168	44	Worli Road Sambhu Mahadeo Pakady.	Latrine	Health ..
880	1382 (2)	381	1/3205, 3/3205	44	Do. Mahtarpakhadi	Do.	Do. ..
881	1383 (1)	382	1 & 3/3205	44	Worli Road ..	Land	....
882	3417	881	1824	29	DadurKumbharwada	Garden (Bal Sonabai's) ..	Building
883	3418, 3419	882, 884	1824	29	Mahim Agar ..	House with outhouses ..	....
884	6167 (4)	56C	Near 296	8	Dharavi Road ..	Open ground with latrines.	Health ..

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
..	85	3·19	....	Drinking ..	Used for the same purpose.	Nil.	
..	100	1·77	....	Do. ..	Do. ..	Nil.	
..	175	1·00	....	Do. ..	Do. ..	Nil.	
..	75	4·28	....	Do. ..	Do. ..	Nil.	
..	75	6·25	....	Do. ..	Do. ..	Nil.	
..	283	28·44	....	Do. ..	Do. ..	Nil.	Dipping well closed and stand-pipe erected.
..	62	3·36	....	Do. ..	Do. ..	Nil.	
..	75	4·58	....	Do. ..	Do. ..	Nil.	
..	1,026	..	....	Do. ..	Do. ..	Nil.	Erected by Mr. Wadia.
..	620	13	....	Do. ..	Do. ..	Nil.	
..	1,080	..	....	Do. ..	Do. ..	Nil.	Erected by Mr. Wadia.
200	7,500	3·33	....	Do. ..	Do. ..	Nil.	
2,136-12	5,535	2,674·71	8-12-93	For road ..	Vacant ..	Rs. 40 yearly.	
..	183	61					
..	1,674	558					
..	3,249	1,083	....	Road-making ..	Surplus ground vacant.	Nil.	
..	1,392	464					
..	7,446	2,482	....	....	....	..	
..	12,597	4,199	....	Road-making ..	Surplus ground vacant.	..	
..	420	140					
750	2,261	572·30	19-11-94	For latrines ..	Used for the same purpose.	Nil.	
3209	5,026	12·65	22-12-94	Do. ..	Do. ..	Nil.	
..	..	..	....	....	....	..	
..	7,000	3,509	16-3-95	For road ..	Vacant ..	Rs. 70 yearly.	
..	..	..	....	....	....	..	
2752	2,752	175	1896	For latrines ..	Used for the same purpose.	Nil.	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
885	51 (2)	51 A	3375	47	Haines Road ..	Grave Digger's Chawl ..	Health ..
886	125 (2)	27 A	3302	47	Warli Road, S. M. Pakhadi.	Chowki	Road ..
887	984 (3)	160 B	2724	5758	Arthur Road ..	Jaoli shed	....
888	1067 (1)	72	5	48	Haines Road ..	Land	Drainage ..
889	1067 (2)	72 A	3142		Do. ..	Land and sluices ..	
890	1685	684	3033	4843	Warli Road ..	Water channel	Do. ..
891	1772 (2)	771 A		28	Do. ..	Land	
892	2031	1027	5 / 2851	49	DeLisle Road ..	Do.	...
893	2036	1032	5 / 2850	49	Do. ..	Do.	....
894	2037	1033	4 / 2850	49	Do. ..	Do.	....
895	2042	1038	3 / 2849	49	Do. ..	Do.	....
896	2075	1071	2 / 2823	49	Fergusson Road ..	Do.	....
897	2078 (2)	1074 A	1 / 2521	48	Do. ..	Do.	....
898	2079 (2)	1075 A	2 / 2821	48	Do. ..	Do.	....
899	2080 (2)	1076 A	2 / 2820	48	Do. ..	Do.	....
900	2082 (1)	1078	2 / 2820	48	Do. ..	Do.	....
901	2087	1083	4 / 2817	48	Do. ..	Do.	....
902	2095	1091	11 / 2815	48	Do. ..	Do.	....
903	2098	1094	9 / 2815	48	Do. ..	Do.	....
904	2103	1099	3 / 2815	48	Do. ..	Do.	....
905	2275	840	7 / 2678	39	DeLisle Road ..	Do.	....
906	2362 (3)	199 B	Near 2693	49	Do. ..	Chowki	Road ..
907	2526 (4)	38 C	2642	42	Do. ..	Land	....
908	2540 (2)	5 A	3034	20	Warli Road ..	Do.	Health ..
909	3249 (6)	716 E	1874	3031	Dadar	Do.	....

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same Purpose.	Income, if any, derived from the same.	REMARKS.
Rs. ..	Rs. 10,181	Sq. yds. 206	4-3-95	For Grave Diggers.	Used for the same purpose.	Rs. ..	
80	80	85½	5-7-95	Muni. purpose..	Do.	..	
..	..	..	....	....	....	..	
..	..	21,760	....	S. W. Drain ..	Used for the same purpose.	..	
..	..	48,000	....	Do. ..	Do.	Nil.	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of DeLisle Road.
80	80	5	1894	Muni. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
10	10	10	1896	Muni. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	Do. do.

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
910	3513	976	2/1916	30	Elphinstone Road ..	Tulsi water pipe.. ..	Water ..
911	3522	985	4/1911		Do. ..	Do.	....
912	3523	986	5/1911		Do. ..	Do.	....
913	3526	989	2/1909		Do. ..	Land and pipe line ..	....
914	3561	1023	3/1899		Do. ..	Tulsi water pipe ..	....
915	3562	1024	4/1899		Do. ..	Do. ..	....
916	3585	1047	5/1887		Do. ..	Do. ..	....
917	3586	1048	4/1887		Do. ..	Do. ..	....
918	3638	1	Nil. A	31	Dadar Road ..	Sluice House (32" Vehar Water main).	....
919	3750	111	1/1301	23	Manmala Tank Road.	Land Tulsi pipe	....
920	3758	119	6/1306	23	Do. ..	Land with trees and Tulsi pipe.	....
921	3760	121	4/1306	23	Do. ..	Do. ..	....
922	3961	322	3/1364	24	Do. ..	Land (vacant passage) ..	....
923	3993 (2)	354A	1/1372	23 & 12	Do. ..	Land (vacant)	....
924	3994	355	2/1372	23	Do. ..	Do.	....
925	3995	356	3/1372		Do. ..	Do.	....
926	3999	360	2/1374		Do. ..	Do.	....
927	4003	364	4/1375		Do. ..	Land (rice)	....
928	4004	365	4/1376		Do. ..	Land (vacant)	....
929	4008	369	8/1377		Do. ..	Do.	....
930	4009	370	7/1377		Do. ..	Do.	....
931	4011	372	5/1377		Do. ..	Do.	....
932	4013	373	4/1377		Do. ..	Do.	....
933	4013	374	3/1377		Do. ..	Do.	....

Ward G—*continued.*

Original Cost.	Present estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.	....	....	....	Rs.	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Included in the cost of laying Vehar water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi pipe road included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	

List of Municipal Properties—

Consecutive No.	Ward No.	Street No.	New Survey No.	Revenue Survey Sheet No.	Locality.	Description of the Property.	Department in Charge of the Property.
934	4854 (3)	1836	1503	24	Mahim Bazar Road..	Chowki for Mahim Road Dept.	Road ..
935	5529	4	B / 183	12	Upper Mahim Road.	Land (waste)	Water ..
936	5529	5	B / 183		Do. ..	Sluice House (24" Tulsi main).	....
937	5563	39	4 / 173		Upper Mahim ..	Land (waste)	....
938	5564	40	5 / 173		Do. ..	Do.	....
939	5568	44	2 / 171		Do. ..	Do.	....
940	5998	473A	3 / 63	9	Mori Road.. ..	Land with trees	....
941	5999 (1), (2)	474, 474A	4 / 63		Do.	Do.	....
942	6264 (2)	153A	Nil.	6	Dharavi Road ..	Sluice House (32" Vehar water main).	Water ..
943	3717	78	3 / 1291	23	Hasali Tank Road ..	Land	Road ..
944	3718	79	2 / 1291		Do. ..	Do.	....
945	3719	80	1 / 1291		Do. ..	Do.	....
946	1382 (2)	381A	1 / 8205	44	Worli Moti pakhadi.	Latrine	Health ..
947	1205 (3)	207B	1 / 3168	44	Do. Middle do.	Do.	Do. ..
948	51 (3)	51B	3375	47	Haines Road ..	Shed	Do. ..
949	1091	95	....	....	Do. ..	Chowki	Engineer ..
950	2137 (2)	1133A	5 / 2802	48	Fergusson Road ..	Vacant land	Building Dept.
951	6110 (6)	585E	59	10	Mori Road ..	Hut	Sppt., Gardens ..
952	6110 (7)	585F	59	10	Do. ..	Land	Health ..
953	1105 (4)	109C	3132	47	Fergusson Road ..	Do.	....
954	1849 (2)	816A	2 / 2967	42-43	DeLisle Road ..	Do.	....
955	2347 (2)	178A	2693	57	Do. ..	Fountain	Water ..
956	2539	4	3035	27	Worli Road ..	Sluice-house	....
957	....	....	....	..	Dhobiwada ..	Latrine	Health ..
958	4587	916	....	..	Bhandarwada Road..	Land	Do. ..
959	....	....	....	..	Hornby Vellard, southern end.	Cattle trough	Water.. ..

Ward G—*concluded.*

Original Cost.	Present Estimated Value.	Area of the Property.	Year in which the Property was acquired or erected.	Purpose for which the Property was acquired or erected.	Whether it is now used for the same purpose.	Income, if any, derived from the same.	REMARKS.
Rs.	Rs.	Sq. yds.				Rs.	
80	50	5	1894	Muni. purpose..	Used for the same purpose.	Nil.	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Included in the cost of laying Vehar water pipe.
..	..	..	....	....	....	..	
..	..	..	....	....	....	..	Part of Tulsi water pipe included in the cost of laying Tulsi water pipe.
..	..	..	....	....	....	..	
3,034	3,030	..	1896	Latrine ..	Used for the same purpose.	Nil.	
3,903	3,900	..	1896	Do. ..	Do. ..	Nil.	
....	25	21	7-3-85	Muni. purpose..	Do. ..	Nil.	
....	311	218	26-3-97	Do. ..	Do. ..	Nil.	
....	2,864	74	21-1-86	Do. ...	Do. ..	Nil.	
....	7	87	. ..	Do. ..	Do. ..	Nil.	
....	4,900	26,141	....	Do. ..	Do. ...	Nil.	
....	..	..	....	....	....	..	
....	..	..	....	....	....	..	
....	..	..	....	....	....	..	
....	..	..	....	....	....	..	
....	..	..	....	....	....	..	
....	..	..	....	Cemetery ..	....	..	
....	..	..	....	....	....	..	Removed from Warden Road (D Ward) and erected here.

THE MUNICIPAL SERVANTS' ACT.

467. No circumstances have arisen in this Department during the year to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,

Sir,

Your most obedient servant,

M. C. MURZBAN, F.R.I.B.A., M.INST.C.E.,

Executive Engineer, Municipality.

J.—SPECIAL DRAINAGE WORKS.

Report of Mr. James W. Smith, Special Drainage Engineer, forwarded under his No. S.D. 468 of 21st June 1898.

SIR,—I have the honour to submit the Administration Report of my Department during the year 1897-98.

2. The Acting Deputy Executive Engineer, Drainage, Mr. C. C. James, having been placed on the Plague Committee from 9th March 1897, I carried out the duties of his appointment from that date throughout the year in addition to my own duties.

3. The unfinished works commenced in previous years, the new works commenced during the year, and the works sanctioned by the Corporation to be carried out, but not taken in hand, during the year, were as follows :—

UNFINISHED WORKS.

1. Colaba sewerage works.
2. Umarkhadi sewerage works.
3. Parel sewerage works (gravitation portion).
4. Mazagon sewerage works (gravitation portion).
5. Malabar Hill and Khamballa Hill sewerage works (gravitation portion).
6. House drainage connections in the Colaba District (street portions).
7. Fergusson Road and Chinchpokli sewerage works (gravitation portion).
8. Draining storm-water from the public roads around the Mahalakshmi Dhobiwada.
9. Laying 9″ pipe drains for the carriage of storm-water to the sea from the southern part of Wodehouse Road.
10. 12″ Stoneware pipe sewer from the emergent reservoir at the Wellington Fountain to the manhole opposite the Dockyard gate in Apollo Street.

WORKS COMMENCED DURING THE YEAR.

11. Old Race Course sewerage works (gravitation portion).

12. Improvement of roadside drains with masonry gullies in the Khetwadi District.

13. Ovoiding side drains in Girgam Road from Thakurdwar Road to Charni Road.

14. Masonry drain from Girgam Road passing through the Night-soil Depôt Lane and Mathew Road and across the B. B. & C. I. Railway to Back Bay.

15. Opening out the water-Course to the west of Messrs. Kama's property, Parel Road, and constructing a covered drain thereat.

16. Culvert with penstock in the eastern bank of the Mahalakshmi Reservoir.

17. Storm-water drain from near the Wellington Fountain *viâ* Band Circle to the sea.

18. Storm-water drain with water gullies in Rampart Row opposite the Elphinstone College.

19. Storm-water drain in Wodehouse Road near the Young Men's Christian Association Buildings.

20. Storm-water drain in Lower Colaba Road and Thomas Street.

21. Storm-water drain at the east foot of Wodehouse Bridge.

22. Ovoiding side drains in Pathan 1st Street.

23. Constructing an arched masonry drain between the poor Parsi chawls (in Gilder Lane) and the B. B. & C. I. Railway.

24. Improvement of roadside drains and water-courses in and about Dadar Road.

25. Diversion of pipe sewer from the site for the new Station Hospital, Colaba.

WORKS SANCTIONED BUT NOT COMMENCED DURING THE YEAR.

26. Machinery for Parel, &c., Sectional Districts.

27. Mazagon Sewerage Works (Sectional).

I.—COLABA SEWERAGE WORKS.

4. These works, which were divided into three parts, and let separately to three Contractors, have all been completed; but the suit filed by Messrs. Bulkley & Co. against the Municipality has not yet come to an end.

5. As stated in the previous report, certain accounts were required to be filed on before the 5th June 1897, as ordered by the Commissioner of the Court at the preliminary meeting held by him. Though these accounts have been submitted, there has been no further meeting. Mr. Cole, the partner of Mr. Bulkley in the Contract, and who was working the lawsuit on behalf of the Firm, died during the year.

6. The expenditure under this head during the year amounts to Rs. 3,848-10-2, which with the expenditure of the previous years aggregates to Rs. 8,21,010-9-5 against the total grant of Rs. 8,34,856.

II.—UMARKHADI SEWERAGE WORKS.

CONTRACTORS—MESSRS. BULKLEY & CO. & MR. SITARAM LAKSHMAN.

7. The remarks on the suit filed by Messrs. Bulkley & Co., which have been made under the head of the Colaba Sewerage Works, apply equally to the suit in respect of the Umarkhadi Sewerage Works.

8. The work under the contract of Mr. Sitaram Lakshman was completed by him four months after the contract period, *i.e.*, about the 9th January 1897, as stated in the preceding year's report; but the final bill, which was not then passed, was passed during the year in August 1897.

9. The Standing Committee accorded sanction under their Resolution No. 4800, dated 18th August 1897, to a variation of the contract, whereby the contract period for completion was extended from 6th September 1896 to 9th January 1897, and also to the maintenance period of twelve months being reckoned from the last-mentioned date, the Contractor being held liable in lieu of fines for the whole cost of the extra establishment amounting to Rs. 1,143-8-9, incurred by the Municipality on account of the non-completion of the works by the 6th of September as aforesaid.

10. Incomplete portions left by Messrs. Bulkley & Co. and small defects in the work completed by them were attended to departmentally.

11. The total expenditure during the year amounted to Rs. 61,871-9-11, which with the expenditure in previous years aggregate to Rs. 3,52,239-3-9, the total grant being Rs. 3,86,993.

III.—PAREL SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. MISTRI, BHEDWAR, WACHAGHANDI & Co.

12. Payment of the final bill which was submitted to the Commissioner in January 1897, as stated in the preceding year's report, was made to the Contractors in July 1897.

13. The grant sanctioned for this work was Rs. 81,620, and the total expenditure incurred was Rs. 62,081-1-5, as detailed below :—

	Rs.	a.	p.
Establishment	6,695	2	0
Contingencies	2,667	7	9
Work	49,659	1	3
Road repairs	3,059	6	5
Total	Rs. 62,081	1	5

14. Sanction has been given to the utilization of the unexpended balance, which amounts to Rs. 19,538-14-7, in meeting the excess incurred on account of Messrs. Bulkley & Co. in completing departmentally their contract for the Colaba Sewerage Works.

IV.—MAZAGON SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

15. The contract time for the completion of these works, which was two years, expired on the 24th November 1897, but the works are not yet finished.

16. The attention of the Contractors was drawn to the delay, and in reply they have asked for an extension of time on the grounds (*a*) that in the early stages of the work I declined to set out as much work as they required [*Note.*—I exercised this restriction at the request of the Municipal Commissioner, because of the serious inconvenience caused to traffic] ; and (*b*) that they experienced great difficulties in obtaining labour during the virulence of the Plague in the greater part of the year.

17. I have no serious complaints to make regarding the progress of the work, though I am doing my utmost to urge the contractors to increase their rate of progress.

18. There is not very much work left to be done ; but all of it is of a difficult and tedious nature, the excavations being very deep and almost entirely in hard rock.

19. There being serious nuisances in Pirkhan Lanes (Nagpada District) for want of proper house drainage, the pipe sewers in the portion of that district which drains into Bellasis Road were taken over from the Contractors (after a final inspection thereof) as per the Commissioner's instructions received under his No. 21930, dated 19th January 1897, and were handed over to the Deputy Executive Engineer, Drainage, and he was directed under the Commissioner's No. 8215, dated 6th July 1897, to take the necessary action for enforcing the connection of houses with the sewers.

20. The total grant for the works is Rs. 3,32,661, and the total expenditure passed to the end of the financial year amounts to Rs. 2,55,568-14-11, as shown below :—

	Rs.	a.	p.
Establishment	28,363	3	5
Contingencies	4,057	12	9
Work	2,02,231	12	7
Road repairs	20,916	2	2
Total	Rs. 2,55,568	14	11

V.—MALABAR HILL AND KHAMBALLA HILL SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTOR—MR. SAYAJI NAGUJI.

21. The works were practically completed in the beginning of January 1897, and though there were some small defects at that time, these were satisfactorily remedied by the end of February 1897. The works were thus completed three months within the contract period, which expired on 31st May 1897.

22. The Contractor not having furnished his accounts until September, the passing of the final bill was delayed. It amounted in the gross to Rs. 1,08,552 as against the contract amount of Rs. 1,17,978, and was certified and passed at the end of September.

23. The total grant sanctioned for the works was Rs. 1,57,026, and the total expenditure incurred for the same amounted to Rs. 1,29,386-3-3, as under :—

	Rs.	a.	p.
Establishment	12,571	12	0
Contingencies	1,149	15	0
Work	1,08,551	14	1
Road repairs	7,112	10	2
Total	Rs. 1,29,386	3	3

24. There was thus a saving of Rs. 27,639-12-9, and sanction has been given to the utilization of the saving in helping to meet the excess incurred in completing departmentally the Colaba Sewerage Works on account of Messrs. Bulkley & Co.

VI.—HOUSE DRAINAGE CONNECTIONS (STREET PORTIONS) IN THE COLABA DISTRICT.

CONTRACTOR—MR. PALANJI EDALJI PLUMBER.

25. The street portions of the connections were carried out, as plans showing the drainage required for the various houses were furnished by the ordinary Drainage Department.

26. The total number of street connections made during the year were 189; and the bills of the contractor certified and passed for payment amounted in the gross to Rs. 6,866-8-9.

VII.—FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTOR—MR. SAVAJI NAGUJI.

27. The contract period for the completion of these works was 12 months from 25th March 1897 to 25th March 1898.

28. The works were commenced on the 25th March 1897, and were practically completed within the contract time.

29. During the progress of the work it was found necessary to increase the length of the 26" C. I. pipe sewer so as to improve the connection with the main sewer at the Love Grove Pumping Station.

30. The Contractor had to cope with great difficulties in completing the portion of the pipe sewer in the road between Haines Road and the Love Grove Pumping Station.

31. It is a very narrow road, and the excavation in part was nearly 26 feet deep, but the road was at no time entirely closed against traffic. The Contractor provided strong and substantial shoring, and the work was pushed on to completion as fast as possible.

32. The total expenditure passed under this head during the year was Rs. 61,347-5-9, which with the previous expenditure amounted to Rs. 85,361-6-3, as detailed below :—

	Rs.	a.	p.
Establishment	7,088	0	10
Contingencies	1,605	6	3
Work	73,768	15	7
Road repairs	2,898	15	7
Total	Rs. 85,361	6	3

VIII.—DRAINING STORM-WATER FROM THE PUBLIC ROADS AROUND THE MAHALAKSHMI DHOBIWADA.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

33. The work was completed in February 1897, but the bill for the work was not passed till June 1897. It amounted in the gross to Rs. 1,134-8-6. The total expenditure amounted to Rs. 1,156-0-3 against the sanctioned grant of Rs. 1,415, leaving a saving of Rs. 258-15-9.

IX.—LAYING 9" PIPE DRAIN FOR THE CARRIAGE OF STORM-WATER TO THE SEA FROM SOUTHERN PART OF WODEHOUSE ROAD.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

34. This work was completed in February 1897, and the bill was passed in April 1897. It amounted in the gross to Rs. 1,883-4-4. The grant sanctioned for the work was Rs. 2,008, and the total certified expenditure amounted to Rs. 1,992-1-3, thus showing a saving of Rs. 15-14-9.

X.—12" STONEWARE PIPE SEWER FROM THE EMERGENT RESERVOIR AT THE WELLINGTON FOUNTAIN TO THE MANHOLE IN APOLLO STREET OPPOSITE THE DOCKYARD GATE.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

35. During the heavy rainfall of two or three days in June 1896, the water from the emergent reservoir did not escape freely, owing to the old sewers in the Fort and Mayo Road being obstructed with silt and with storm-water, particularly in Mayo Road.

36. Though the ejectors at Colaba cannot throw more water than can escape by the outlet sewers if clear, yet in view of the possibility of similar obstructions in the future, I recommended the immediate laying of a new 12" stoneware pipe sewer from the emergent reservoir to the manhole in Apollo Street where the 12" pipe sewer commences and runs northwards.

37. This recommendation was approved, and agreeably to the Commissioner's instructions given me on the spot, I directed Messrs. Sulemanji Mulla Abdulali & Co. to proceed at once with the work at the rates of their Mazagon contract with the Municipality.

38. The estimate of the work amounted to Rs. 3,996, including 10 per cent. for contingencies.

39. The work was completed about the end of July 1896 but the final bill, which amounted in the gross to Rs. 3,189, was not then forwarded to the Chief Accountant, as the question of grant from which the expenditure was to be met was not settled.

40. The Standing Committee having sanctioned the expenditure under their Resolution No. 3935, dated 28th July 1897, the final bill was passed on to the Chief Accountant in August 1897. Sanction was given to the amount being paid from the savings in the grant for the Colaba Sewerage Works.

XI.—OLD RACE COURSE SEWERAGE WORKS (GRAVITATION PORTION).

CONTRACTORS—MESSRS. SULEMANJI ALI MUHAMAD & CO.

41. As stated in the preceding year's report, the contract for this work was executed on the 19th June 1897, and an order to commence it was given the same day.

42. The contract time of eight months in which the Contractors agreed to complete the work expired on the 20th February 1898, and the whole of the work as far as the Contractors were responsible was completed within that period. A length of pipe sewer about 65 feet long in the line of Club Street remained to be laid under the B. B. & C. I. Railway a little to the north of Bellasis Bridge. As the Railway authorities always insist upon such work within their own limits being carried out by themselves, the Contractors could not complete this portion. The Railway Company undertook to carry out the work on payment in advance of the estimated cost which amounted to Rs. 279, and this having been paid by the Contractors the work was completed by the Railway Company.

43. Some work in three streets has to be left undone for the present on account of certain local causes. These omissions are as follows :—(*a*) a length of 375 feet of sewer in Souter Street on account of a tank, through which the line of the sewer passes, not having yet been acquired and filled up by the Municipality ; (*b*) a length of 75 feet of sewer in Sankli Street extension on account of a house, through which the road is to pass, not having yet been purchased by the Municipality ; and (*c*) a length of 375 feet of sewer in Blaney Street on account of the ground, which is now used for the deposit of old materials, not having yet been acquired by the Municipality.

44. During the progress of the works I communicated with the Executive Engineer on the subject, and enquired if these properties could not be acquired, so that all the sewerage works in the locality on the gravitation system might be carried out once for all, and without having to return to it. I was informed however that this was impracticable on account both of the want of funds and of the unlikelihood of an amicable settlement being come to with the owners.

45. The above small works, therefore, will have to be done when the properties are acquired.

46. This contract included a 9" pipe sewer with manholes, vent shafts, &c., in the western part of Bapty Road at a cost of Rs. 5,455, and this sewer was satisfactorily completed by the contractors within the contract time.

47. The total grant for the works amounts to Rs. 46,270, as follows :—

Sewerage of Old Race course	Rs.	40,815
9" Pipe sewer in Bapty Road	„	5,455
Total	Rs.	46,270

The total expenditure incurred and certified to the end of the financial year amounted to Rs. 37,492-9-11, as detailed below :—

	Rs.	a.	p.
Establishment	3,618	10	8
Contingencies	134	12	3
Work	32,123	4	1
Road repairs	1,616	14	11
Total	Rs. 37,492	9	11

48. The passing of the final bill for the work, which is under preparation, will be a matter for the next year's report.

XII.—IMPROVEMENT OF ROADSIDE DRAINS AND THE PROVISION OF WATER GULLIES IN THE KHETWADI DISTRICT.

CONTRACTORS—MESSRS. VITHAL SAYANA & Co.

49. The work was commenced on the 20th May 1897. The contract period for completion was nine months, which expired on 21st February 1898.

50. The progress of the work was very satisfactory, and it was completed within the contract period.

51. There was a collection of old worn and damaged stone ladis taken out from the bottom of the old drains and stocked at the Contractors' chauki. At the close of the works offers were received for the purchase of them. The highest offer, amounting to Rs. 525, was from Mr. Abdulali Karimbhai, and the ladis (about 9,000) were sold to him for that amount as per the Standing Committee's Resolution No. 11186, dated 16th February 1898.

52. The grant sanctioned for this work was Rs. 54,486, and the expenditure passed to the end of the financial year amounted to Rs. 45,541-13-4, as detailed below : —

		Rs.	a.	p.
Establishment		3,419	3	7
Contingencies		256	4	1
Work		40,509	7	2
Road repairs		1,356	14	6
Total	Rs.	45,541	13	4

53. The final bill for the work was in preparation at the close of the financial year.

54. A storm-water masonry drain 2'-6"× 2'-6" was constructed in Khetwadi 10th Lane north of Khetwadi Back Road in substitution for the inefficient stoneware pipe drain there.

55. This work was sanctioned by the Corporation under their Resolution No. 11738, dated 3rd March 1898, at a cost of Rs. 4,353, to be met from the saving of Rs. 4,522 in the grant for the improvement of side drains in the Khetwadi district, that being the difference between the office estimate and the amount of the accepted tender.

56. The work was entrusted to Messrs. Vithal Sayana & Co., the Contractors for the Khetwadi works as an extension of their contract.

57. The work was completed about April 1898, and the final bill when made up will be passed and will be mentioned in the next year's report.

XIII.—OVOIDING SIDE DRAINS IN GIRGAM ROAD.

CONTRACTOR—MR. SAYAJI NAGUJI.

58. These works which were commenced on the 25th March 1897, were completed on 7th August, that is within the contract period of five months, which expired on 25th August 1897.

59. The final bill amounted in the gross to Rs. 9,251-11-11 against the contract amount of Rs. 12,382, thus showing a saving of Rs. 3,130-4-1.

60. The grant sanctioned for these works was Rs. 15,588, payable from savings in different loan works and the total expenditure incurred amounted to Rs. 11,452-15-9, as detailed below :—

		Rs.	a.	p.
Establishment...		1,123	11	4
Contingencies...		814	6	7
Work		9,251	11	11
Road repairs		263	1	11
Total	Rs.	11,452	15	9

XIV.—MASONRY DRAIN FROM GIRGAM ROAD PASSING THROUGH THE NIGHT-SOIL DEPOT LANE AND MATHEW ROAD AND ACROSS THE B. B. & C. I. RAILWAY TO BACK BAY.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

61. Tenders, returnable on the 16th August 1897, were invited on the 31st July 1897. Four tenders were received, as follows :—

Mr. Sayaji Nagujee	... ...	Rs. 16,815
„ Sitaram Luxuman	... ...	„ 16,515
„ Ali Mahomed Kasam	... ..	„ 16,323
Messrs. Sulemanji Mulla Abdulali & Co.		„ 15,771

62. The lowest tender that of Messrs. Sulemanji Mulla Abdulali & Co. was accepted by the Standing Committee under their Resolution No. 4960, dated 25th August 1897, at rates aggregating to Rs. 15,771.

63. The office estimate amounted to Rs. 17,136, and the lowest accepted tender was therefore Rs. 1,365 below that estimate.

64. The contract was executed on 30th October 1897, and an order to commence the work was given on the same day.

65. The contract period for completion of the work was six months, which expired on 30th April 1898, though the works were not entirely completed by that time.

66. The Railway Company would not allow the contractors to proceed with the work within the railway limits, but proposed to undertake the work themselves on payment in advance of the estimated cost. This estimate had not been received from the Railway Company at the end of the financial year and the work therefore remained undone.

67. The grant sanctioned for the work is Rs. 23,678, and is payable from the savings in different loan works.

68. The expenditure incurred and passed to the end of the financial year amounted to Rs. 9,575-1-11, as detailed below :—

	Rs.	a.	p.
Establishment	601	9	2
Contingencies	83	4	0
Work	8,334	9	4
Road repairs	555	11	5
Total	Rs. 9,575	1	11

XV.—OPENING OUT WATER COURSE TO THE WEST OF MESSRS. KAMA'S PROPERTY, PAREL ROAD, AND CONSTRUCTING A COVERED DRAIN THEREAT.

CONTRACTOR—MR. SAYAJI NAGUJI.

69. This work consisted of—

(*a*) opening out the watercourse ;

(*b*) the construction of a covered drain.

Objection having been taken by Messrs. Kama to the execution of the work (*a*), it has been postponed under the advice of the Municipal Solicitors.

70. The work (*b*) was completed in the beginning of July 1897, the contract having been let to Mr. Sayaji Naguji. The final bill passed in favour of the Contractor amounted to Rs. 3,332-6-8 as against the contract amount of Rs. 3,408-1-7, thus showing a saving of Rs. 75-10-11.

71. The contract period for completion expired on the 15th June 1897, and the work was finished on 3rd July 1897.

72. The small delay was due to the early rains in the beginning of June, which not only retarded the completion of the work but also caused damage, which the contractor had to rectify at considerable expense.

73. The extension of the contract time to 3rd July was sanctioned under the Commissioner's No. 12102, dated 13th August 1897.

74. The grant for the whole of the work is Rs. 7,629, and the expenditure passed for the portion of the work completed, amounted to Rs. 3,362-6-7.

XVI.—CULVERT WITH PENSTOCK IN THE EASTERN BANK OF THE MAHALAKSHMI STORM-WATER RESERVOIR.

CONTRACTOR—MR. SAYAJI NAGUJI.

75. As the Mahalakshmi Race Course is always flooded during the rains on account of the water falling on that ground being cut off from the storm-water reservoir and the Love Grove Sluices by the reservoir bank, and as there was only one small opening and sluice provided by the Municipality for passing off the water to the Reservoir as occasion served, it was considered desirable that another similar opening should be made in the bank of the reservoir also fitted with a sluice.

76. A grant of Rs. 2,112 from surplus cash balance was sanctioned by the Corporation under their Resolution No. 2421, dated 3rd June 1897.

77. Quotations for the supply of the sluice or penstock were invited from Messrs. Richardson & Cruddas and Messrs. George Gahagan & Co. The former quoted Rs. 1,150 and the latter Rs. 752. The latter offer (that of Messrs. George Gahagan & Co.) was accepted, and a formal contract, dated 30th July 1897, was entered into with that firm.

78. Offers for executing the work were invited from six contractors, but only two offers were received. That of Mr. Sayaji Naguji, which was the lower of the two and was Rs. 162 below the office estimate, was accepted at rates aggregating to Rs. 1,758 minus the value of the penstock, Rs. 752, to be supplied by the Municipality.

79. The contract was executed on 29th October 1897, and an order to commence the work was given on the 30th October.

80. The contract time for the completion of the work was six weeks and the work was completed within that time.

81. The final bill amounted to Rs. 921-4-4 as against the contract amount of Rs. 1,006.

82. The total expenditure incurred under this head amounted to Rs. 1,673-4-4 against the sanctioned grant of Rs. 2,112, thus showing a saving of Rs. 438-11-8.

XVII.—STORM-WATER DRAIN FROM NEAR THE WELLINGTON FOUNTAIN VIA BAND CIRCLE TO THE SEA.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

83. The Corporation sanctioned the carrying out of this work as per their Resolution No. 245, dated 5th April 1897, at a cost of Rs. 37,355.

84. Tenders for the work were invited on 13th April 1897, and made returnable on the 21st April 1897.

85. There was only one tender, namely, from Messrs. Sulemanji Mulla Abdulali & Co., and it was Rs. 1,337 lower than the office estimate. This tender was accepted under the Standing Committee's Resolution No. 1004, dated 28th April 1897, at the amount of Rs. 29,640-9-6.

86. The contractors requested permission by a letter dated 23rd April to proceed with the work at once at their own risk in anticipation of and pending the probable acceptance of their tender, and permission under that condition was accordingly granted on the 24th April 1897.

87. The Contractors having delayed the payment of the contract deposit, the contract was not executed till the 11th June.

88. The Contractors carried on the work with vigour and despatch; but they had to stop until permission from Government could be obtained to construct the drain in the land between Mayo Road and the sea.

89. The contractors complained that the work was not set out at the commencement from the sea, as it should have been (that is, for the natural escape of water); that they were ordered instead to go on with the work from the Wellington Fountain towards the Bandstand; that when they had finished this up to Mayo Road they were not given further work for 10 days; and that it was only in the beginning of the rainy season that they were ordered or permitted to proceed from the sea.

90. They contended that they were thus kept out of work on the most difficult portion during the fair season, and were compelled to proceed with it only when the rains were commencing.

91. The consequence was, they argued, that the sides of the trench slipped during the rains, that they had to excavate three or four times over at the same place, and that they had to put in extra concrete on account of the trenches becoming wider than they were intended to be or than they were excavated.

92. On these grounds they requested to be paid for extra excavation and extra concrete.

93. It was decided that this question should be left open until the conclusion of the works, which were not completed by the end of the financial year.

94. The original proposal for a concrete arch over the drain was abandoned, and an arch in brick and mortar with the soffit plastered in cement was substituted under the Commissioner's sanction No. 4273, dated 22nd May 1898, as the time required for the setting of the concrete arch was prejudicial to rapid progress of the work.

95. A portion of the drain passed under the railway lines, and this was completed by the contractors with the permission of the Railway Company, who made arrangements, for the time being, for the traffic and for the support of the rails at the charge of the contractors, the cost amounting to Rs. 118-6-0.

96. The contractors required ground near the site of the work for storing materials and working a *ghani*, but there was no available Municipal ground sufficiently near. The contractors having expressed their willingness to hire a piece of Government ground, the Executive

Engineer, Presidency, was addressed in the matter and permission was granted, the ground-rent being fixed at 4 annas per 100 square yards per diem. The total amount charged was Rs. 276-2-5, and was paid under debit to the contractors' account.

97. A tidal flap was fixed at the mouth of the drain on the foreshore in blue cut-stone work. The flap was obtained from the Napier Foundry at a cost of Rs. 875 and supplied to the contractors.

98. The expenditure certified and passed to the end of the financial year amounted to Rs. 33,399-7-6, as detailed below :—

	Rs.	a.	p.
Establishment	3,039	3	2
Contingencies	1,528	1	1
Work	28,250	12	11
Road repairs	581	6	4
Total	Rs. 33,399	7	6

XVIII.—STORM-WATER DRAIN WITH WATER GULLIES IN RAMPART ROW, OPPOSITE THE ELPHINSTONE COLLEGE, AND

XIX.—STORM-WATER DRAIN IN WODEHOUSE ROAD, NEAR THE Y. M. C. A. BUILDINGS.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & Co.

99. Both these works were entrusted to Messrs. Sulemanji Mulla Abdulali & Co. in extension of their contract for the Wellington Fountain and Band Circle storm-water drain, and were satisfactorily completed by them.

100. The final bill was under preparation at the close of the year.

101. The total grant sanctioned for these works was Rs. 11,527, and the expenditure incurred and passed to the end of the financial year amounted to Rs. 5,717-2-11.

XX.—STORM-WATER DRAIN IN LOWER COLABA ROAD AND THOMAS STREET.

CONTRACTOR—MR. SAYAJI NAGUJI.

102. The Corporation sanctioned the carrying out of this work under their Resolution No. 12033, dated the 4th February 1897, at a cost of Rs. 13,587, to be met from savings in different loan works.

103. Tenders for the work, receivable on 2nd August 1897, were invited on 21st July 1897, and four tenders were received as follows:—

Mr. Ali Mahamad Kasam	...	Rs. 10,528
„ Sitaram Luxuman	...	„ 10,226
Messrs. Sulemanji Mulla Abdulali & Co.	...	„ 9,662
Mr. Sayaji Naguji	...	„ 9,248

104. The tender of Mr. Sayaji Naguji, which was the lowest, was accepted by the Standing Committee under their Resolution No. 4816, dated the 18th August 1897, at schedule rates aggregating to Rs. 9,248, on his agreeing to complete the work within 2½ months from the date of the order to commence.

105. Mr. Sayaji agreed to complete the work in 2½ months, and the contract was executed on 13th September 1897. An order to commence the work was given on the 4th October 1897, and the works were completed within the contract time.

106. The final bill, which amounted to Rs. 9,581-10-10, including extra items to the extent of Rs. 881, was prepared, but was not passed at the end of the financial year, as some disputed deductions were not settled.

107. The total expenditure certified and passed to the end of the financial year amounted to Rs. 7,559-6-5, as shown below :—

	Rs.	a.	p.
Establishment ...	922	7	10
Contingencies ...	163	13	4
Work ...	5,737	2	5
Road repairs ...	685	14	10
Total	Rs. 7,559	6	5

XXI.—STORM-WATER DRAIN AT THE EAST FOOT OF WODEHOUSE BRIDGE.

CONTRACTOR—MR. SAYAJI NAGUJI.

108. The carrying out of this work was sanctioned by the Corporation under their Resolution No. 12033, dated 4th February 1897, at a cost of Rs. 1,639, payable from savings in different loan works.

109. No tenders were invited for the work as it was very small, but it was entrusted to Mr. Sayaji Naguji at Rs. 1,254 in extension of his contract, dated 13th September 1897, for the storm-water drain in Lower Colaba Road and Thomas Street.

110. The work was completed satisfactorily, but the contractor's bill, which amounted to Rs. 1,123-11-6, was not passed by the end of the financial year.

111. The certified expenditure under this head to the end of the financial year was Rs. 207-12-2.

XXII.—OVOIDING SIDE DRAINS IN PATHAN 1st STREET.

CONTRACTORS—MESSRS. VITHAL SAYANNA & Co.

112. This work was sanctioned as a charge upon savings in different loan Works at a cost of Rs. 6,201 under Corporation Resolution No. 12,033, dated 4th February 1897.

113. It was entrusted to Messrs. Vithal Sayanna & Co. as an extension of their contract for the Khetwadi works. The estimate for the work, based on the rates of this contract, amounted to Rs. 4,901, or Rs. 510 lower than the original estimate based on office rates.

114. No tenders were invited for the following reasons :—

(*a*) That the work was of precisely the same nature as the work in the Khetwadi contract.

(*b*) That Pathan 1st Street was only just outside that district.

(*c*) That the rates in the Khetwadi contract were very favourable to the Municipality, and it was doubtful whether lower rates would be offered were tenders invited.

(*d*) That the contingency provision for so small a work could not well bear the charges of printing fresh contract forms and of advertising for tenders.

115. An order to commence the work was given on the 30th September, and the work was completed within the contract time for the Khetwadi works, which expired on 21st February 1898.

116. The total expenditure on the work amounted to Rs. 5,882-1-0, as detailed below :—

	Rs.	a.	p.
Establishment	1,483	1	9
Work	4,292	1	7
Road repairs	106	10	8
Total Rs.	5,882	1	0

117. The final bill was not certified and passed by the end of the financial year.

XXIII.—CONSTRUCTING AN ARCHED MASONRY DRAIN BETWEEN THE POOR PARSI CHALS (IN GILDER LANE) AND THE B. B. & C. I. RAILWAY.

CONTRACTORS—SULEMANJI MULLA ABDULALI & Co.

118. The Corporation sanctioned the carrying out of this work under their Resolution No. 12033, dated the 4th February 1897, at a cost of Rs. 4,221, payable from the savings in different loan works.

119. This work was entrusted to Messrs. Sulemanji Mulla Abdulali & Co. as an extension of their contract for the storm-water drains in Girgam Road, Mathew Road, &c., as the rates of that contract were more favourable than those of all other contracts then under execution, and the Contractors were willing to undertake the work at the rates of that contract.

120. The value of the work at those rates amounted to Rs. 3,044 against the office estimate of Rs. 3,837.

121. The work was completed before the end of the financial year, but the bill had not then been prepared.

122. The drain has been completed as originally designed ; but as the matter now stands, there would be flooding between the drain and the poor Parsi Chals, and also between the drain and the boundary wall of the Railway.

123. To prevent this flooding I proposed to fill up the ground between the drain and the Poor Parsi Chals, to continue the embankment over the drain, and finally to slope the bank at 1 to 1½ to within 5 feet of the Railway wall, leaving there a channel with a water gully for the escape of storm-water. This work has been estimated to cost Rs. 754, but the proposal was not submitted to the Commissioner until after the close of the financial year. The cost will be met from savings in the grant, and will be entrusted to Messrs. Sulemanji Mulla Abdulali & Co.

124. No expenditure was certified under this head during the financial year.

XXIV.—IMPROVEMENT OF ROADSIDE DRAINS AND WATERCOURSES IN AND ABOUT DADAR ROAD.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & CO.

125. The Corporation under their Resolution No. 1405, dated 6th May 1897, sanctioned at a cost of Rs. 30,475 the carrying out of the following works :—

(*a*) Side drains in Bhoiwada Cross Road and a portion of Bhoiwada Road.

(*b*) Side drains along portions of Dadar Road.

(*c*) Improvements to the watercourse from Dadar Road under the Railways to a point a little to the north of west platform of the Elphinstone Road Station.

126. The Corporation concurred in the opinion of the Standing Committee that these drains should be so constructed as to allow, as far as possible, of their being utilized for sullage drainage until districts in question are provided with a complete system of sewerage.

127. Tenders returnable on 22nd November 1897 were invited on 5th November 1897, and six tenders were received in response, as follows :—

	Rs.
(1) Mr. Pandurang Harichand	30,150
(2) Messrs. Deoram Keshaoji & Co.	25,786
(3) Mr. Sayaji Naguji	25,141
(4) „ Sitaram Luxuman	24,772
(5) Messrs. Alli Mahamad Kasam & Co.	23,664
(6) „ Sulemanji Mulla Abdulali & Co.	22,695

128. The lowest tender (that of Messrs. Sulemanji Mulla Abdulali & Co.) was accepted by the Standing Committee at schedule rates aggregating to Rs. 22,195 under their Resolution No. 7913, dated 1st December 1897.

129. This tender was Rs. 3,902 below the office estimate.

130. The contract was executed on 28th February 1898, and an order to commence the work was given on the same day.

131. The contract period for the completion is six months, and the progress of the work is satisfactory.

132. The expenditure certified under this head during the financial year amounted to only Rs. 124-12-0.

XXV.—DIVERSION OF PIPE SEWER FROM THE SITE FOR THE NEW STATION HOSPITAL AT COLABA.

CONTRACTORS—MESSRS. SULEMANJI MULLA ABDULALI & CO.

133. The Military Department having proposed to build a Hospital, the Executive Engineer, Military Works, requested me to prepare an estimate of the cost of so diverting a pipe sewer already laid with the approval of his predecessor as to avoid the new building. An estimate amounting to Rs. 2,089 was accordingly prepared and forwarded to him, whereupon he requested me to immediately proceed with the diversion. The matter was placed before the Commissioner, and under his No. 7991 dated 5th July 1897 he approved of the work being done on payment in advance of the estimated cost.

134. The Executive Engineer, Military Works, having paid the amount on 8th July 1897 the work was taken in hand. During its progress the originally intended position of the Hospital having been altered by the Military authorities the length of the diversion was increased, and this augmented the original estimate by Rs. 700. This amount was also paid in advance on 30th August 1897.

135. The whole of the work was completed at a cost of Rs. 2,598-14-6 (including Rs. 339 for supervision charges) against the total deposit of Rs. 2,789, thus leaving a balance of Rs. 190-1-6, which was refunded to the Executive Engineer, Military Works.

XXVI.—MACHINERY FOR THE PAREL, &c., SECTIONAL SEWERAGE DISTRICTS.

136. The general adoption of the Shone pneumatic system for the whole area of the city which cannot be sewered by gravitation to Love Grove having been recommended by the Municipal Commissioner under his No. 25613; dated 31st January 1894, the Corporation resolved, under their No. 13967, dated 14th March 1895, that the Commissioner's letter be referred to the following Committee for report:—

1. Abdalla M. Dharamsi, Esq.
2. Major Scott.
3. Thomas Blaney, Esq.
4. Bhalchandra K. Bhatwadekar, Esq.
5. T. W. Cuffe, Esq.
6. Dinsha Edulji Wachà, Esq.
7. N. N. Katrak, Esq.
8. The Hon'ble Mr. P. M. Mehta.
9. The Hon'ble Mr. Fazulbhai Visram.
10. H. I. B. Hargrave, Esq.
11. S. Rebsch, Esq.

Major Scott to be chairman. Three members to form a quorum, and the Committee to be requested to present their report in time for the June meeting of the Corporation.

137. The Committee reported on 25th March 1895 that having carefully considered the question, they were of opinion that the Shone pneumatic system was the only one suitable for adoption for the sewerage of the districts which cannot be sewered by gravitation to Love Grove. The Committee therefore recommended the Corporation to adopt the proposals contained in the Commissioner's letter No. 25613 of the 31st January 1895, embodying the scheme submitted under my No. S.D. 2426, dated the 12th January 1895.

138. The report of the Committee was considered by the Corporation at their meeting held on the 25th April 1895, and they resolved, under their No. 1207, that the Corporation, without committing themselves to the entire adoption of the Shone pneumatic system of drainage for certain districts until the result of the working of the system of Colaba has been ascertained, are prepared to authorize the preparation of plans and estimates for the sewerage of the Mazagon District on such system, together with the cost of the engines, boilers and mains, &c., that may be considered necessary, so as to be available for all the remaining districts south of Elphinstone Road.

139. In my No. S.D. 2277, dated the 5th September 1896, reporting on this I stated that plans and estimates for the sewerage of the Mazagon Sectional Sewerage District on the Shone system and an estimate of the cost of the engines, boilers, and cast-iron mains suitable for the Mazagon Sectional Districts and all other sectional districts south of Elphinstone Road had been submitted to the Commissioner under my Nos. S.D. 2315, dated 7th January 1895, and S.D. 2426, dated 12th January 1895.

140. These estimates formed accompaniments to the Commissioner's letter No. 25613, dated 31st January 1894, above referred to, and after obtaining further information, I saw no reason to make any alterations in them.

141. In that report (No. S.D. 2277, dated 5th September 1896), I stated as follows :—

> "I am not aware if the Corporation will still hesitate to commit themselves to the general adoption of the Shone pneumatic system of sewerage for the sectional sewerage districts, *i.e.*, those districts which cannot be efficiently sewered by simple gravitation into the main sewer running to Love Grove, but in view of a possible continuance of such hesitation I will endeavour to briefly point out the situation."

142. "For the sectional districts there are only three alternative methods of raising the sewage—

(*a*) Ordinary pumping stations.

(*b*) Mr. Baldwin Latham's hydraulic pumping system.

(*c*) The Shone pneumatic system.

(*a*) Ordinary pumping stations would be most objectionable on account of the number required, the difficulty of obtaining sites in the necessary positions, the cost of maintaining a separate establishment at each station, and the nuisance and the possible consequent litigation connected with such stations.

(*b*) I have never been able to find out the cost of Mr. Baldwin Latham's system and would refer to the Municipal Commissioner's letter No. 25613, dated 31st January 1895, previously alluded to. In quoting Mr. Pottinger, he says that the system is expensive, that the connection with the pumps is defective, that the valves are subject to constant leakage under the enormous pressure (500 to 700 per square inch), that the system is offensive, and that it is hardly likely to be much employed at present.

(c) The Municipal Commissioner's letter above mentioned is full of quotations of approval of the Shone system by numerous eminent authorities; and my experience of the working of the system at Colaba confirms me in the favourable opinion I had formed of it from external evidence and from a study of the method employed."

143. "It appears to me therefore that the choice of the Corporation is practically limited to the Shone system, the evidence and experience in favour of which preclude the other possible systems from serious consideration."

144. The Commissioner in his No. 11271, dated the 9th September 1896, concurred in these views, and considered that the Shone system was the only one which could possibly be applied with safety to the remaining unsewered portions of the city.

145. I again addressed the Commissioner on the subject under my No. S.D. 4006, dated the 29th March 1897, as follows :—

> In my No. S.D. 2277, dated the 5th December 1896, I pointed out that for several reasons it appeared to me that the choice of the Corporation is practically limited to the Shone system, and in your No. 11271, dated the 9th September 1896, you concurred in that view.

146. When my proposals were before the Corporation in 1895, the Committee appointed by the Corporation to consider the subject (which Committee included several eminent Engineers) reported favourably upon my proposals involving the extension of the Shone system.

147. Since then we have had the practical experience of Colaba, and I have no hesitation in affirming in the strongest possible manner that the working of the system there has been pre-eminently satisfactory.

148. There are now connected at Colaba 20 houses, besides the Tramway stables, the air compressor station, the night-soil depôt, the large Municipal latrines near the night-soil depôt and the Colaba Railway Terminus.

149. The discharge of the night-soil of the bulk of the population of Colaba from the depôt is in itself a very severe test, for to use the words of the Health Officer in one of his reports, "it must be recollected that the sewer system (by the deposit of fœces in the manner adopted) is tried as no other system in the world is tried."

150. It appears to me that no further test can be required, and that the time has now come when the Corporation should have no further hesitation in proceeding according to my proposals with the sewerage of the Mazagon Sectional District and the obtainment of machinery required for the sectional districts generally.

151. Provision for these works has been made in the current budget, at page 52 whereof they stand as follows :—

Machinery for the sewerage of the Parel, the Old Race Course, the Malabar Hill and Khamballa Hill, the Elphinstone Reclamation, and the Fergusson Road and Chinchpokli Sectional Districts (on Shone system)	Rs.	8,77,625
Mazagon District (sectional)	„	3,30,072
Total	Rs.	12,07,697

152. Numerous small projects for the temporary alleviation of nuisances in the various districts concerned are continually being taken up, and the expenditure on future projects of the kind would be obviated if the comprehensive system were adopted.

153. These proposals were submitted to the Corporation by the Commissioner under his letter No. 145, dated 2nd April 1897, as follows :—

"I have the honour to forward copy of letter No. 4006, dated 29th March 1897, from the Special Drainage Engineer and to request the sanction of the Corporation to Mr. Smith's proposals as therein contained. The Corporation decided to wait and see how the Shone system worked in Colaba before sanctioning the provision of the necessary machinery for extending it to the remaining sectional sewerage districts of the city south of Elphinstone Road. Sufficient connections have been made in Colaba, and sufficient work got out of the Shone system there, to afford a thorough test, and the Special Drainage Engineer, who has been in constant charge and supervision of this work, is thoroughly satisfied with the results. I need hardly point out to the Corporation the extreme need and urgency of continuing the drainage system, and the disastrous consequences which may at any time ensue from leaving densely inhabited districts choked with sewage and sullage, and I therefore request early sanction to the Special Drainage Engineer's proposal."

154. The Standing Committee having considered the Commissioner's letter recommended the proposal for sanction of the Corporation as per their Resolution No. 331, dated the 7th April 1897, and the Corporation resolved under their No. 523, dated the 8th April 1897, that sanction be given to the sewerage of the Mazagon Sectional District being proceeded with and to the purchase of the machinery for the sewerage of that district and of the sectional districts generally as provided in the Budget.

155. On the passing of this Resolution I proceeded with the preparation of a contract and specification for "air compressing machinery, ejectors, tubing and air mains, sealed sewage mains and

their fittings," and as soon as they were printed I obtained the Commissioner's permission to send copies to Messrs. Hughes and Lancaster in London, requesting them to submit a definite tender for the works comprised in the same.

156. Two copies were accordingly despatched on 19th August 1897 with a covering letter.

157. On the advice of Mr. Hewett, Assistant Engineer, Mechanical Branch, I stipulated in the contract for engines to compress air in *three stages*, that being the latest development in air compression.

158. Messrs. Hughes and Lancaster on receipt of the contract and specification consulted Messrs. Shone and Ault, and they being of opinion that there was no economy or advantage to be obtained from three-stage air compression in the case of the *low pressure* required in the present instance, Mr. Ault addressed me two letters on the subject, showing in a very convincing manner and by numerous formulæ that, although theoretically there would appear to be an advantage in *three-stage* compression even in the case of low pressures, yet practically there would be no advantage at all, because the greatly increased *initial* expenditure on the machinery would more than absorb the theoretical gain.

159. I consulted Mr. Simpson, of Messrs. Simpson Brothers, of Pimlico, on the subject, and he was of opinion that for so low a pressure as that required, three-stage compression would be undesirable, though he thought without going into very careful calculations that two-stage compression might possibly afford some advantage.

160. Mr. Harbury and Mr. Elsworthy, of Messrs. Richardson & Cruddas, were of opinion that single-stage compression was the most economical for the duty required.

161. I am myself convinced after hearing all the arguments for and against stage compression that single compression is the best for such low pressures as we require.

162. This question having been disposed of, Messrs. Hughes & Lancaster submitted to me on the 25th November 1897 a definite tender through their agents (Messrs. Richardson and Cruddas).

163. I showed and explained to the Commissioner personally the various points of this tender, and with his permission I had several interviews with Messrs. Richardson and Crudddas, and these resulted in a reduction of the sterling payments by 3 per cent. and in lower rates for the iron mains with slightly reduced thickness.

164. I might possibly have obtained a reduction in the whole of the rupee rates but for the unfortunate circumstance of a fall in exchange at the critical period of my negotiations.

165. Messrs. Hughes and Lancaster, by their attorneys and agents (Messrs. Richardson & Cruddas), submitted an amended tender, amounting to £21,280 sterling *plus* Rs. 3,72,980.

166. The office grant is all in rupees, and in preparing my estimates I took exchange at 1*s.* per rupee for sterling amounts in accordance with the instructions of Mr. Acworth, the Municipal Commissioner at that time.

167. A comparison of this tender with the office estimate at an exchange of 1*s.* per rupee showed that the tender was only Rs. 880 below my estimate, though if exchange were taken at 1*s.* 2*d.* the saving on my estimate would be Rs. 61,677, or if at 1*s.* 3*d.* the saving would be Rs. 86,000.

168. These differences would have been greater but for my having, subsequent to the preparation of the office estimates, substituted C. I. tubbing for brick chambers for the two ejector stations, and stipulated for *two full-size* engines and *two half-size* engines instead of *three full-size* engines as taken in the estimate.

169. These alterations unavoidably increased the amounts, but I considered after experience of the Colaba works that they were eminently desirable.

170. After taking everything into consideration, I was of opinion that the amended tender of Messrs. Hughes and Lancaster was a reasonable and favourable one, and I recommended it for acceptance for the following further reasons :—

(*a*) That Messrs. Hughes and Lancaster are the sole licensees of the Shone patents, and are special Mechanical Engineers for the Shone system of drainage.

(*b*) That their reputation is involved in the success or otherwise of work on the Shone system, and that if the work be entrusted to them, it will be a satisfaction to know that they will be solely responsible for the air-compressing machinery, ejectors, tubbing, and air and sewage mains—a consideration which weighed with the Municipal Commissioner and the Standing Committee in giving them the contract for similar work in the Colaba District.

(*c*) That they have carried out the works on the Shone system at Colaba to my entire satisfaction ; and

(*d*) That in any case most of the articles comprised in the contract *must* necessarily be obtained from them, and that in case of the other articles and work being procured from elsewhere, there would be a very undesirable and unsatisfactory division of responsibility.

171. The Standing Committee under their No. 8880, dated the 22nd December 1897, approved of the acceptance of the tender of Messrs. Hughes and Lancaster at schedule rates, aggregating to £21,280 sterling *plus* Rs. 3,72,980.

£17,581 } To be charged to the grant of Rs. 8,77,625 for
Rs. 2,54,537 } general machinery for the sectional districts.

£3,513 10*s.* } To be charged to the grant of Rs. 3,30,072 for
Rs. 1,18,443 } the Mazagon Sectional Districts, &c.

£185 10*s.* ...To be recovered from the Port Trust as arranged with the Trustees.

172. I accordingly addressed a letter to Messrs. Richardson and Cruddas, the attorneys for Messrs. Hughes and Lancaster, informing them of the acceptance of the tender, and requesting them, with a view to the early preparation and execution of the contract, to pay a deposit of Rs. 36,000, equivalent to 5 per cent. on the estimated contract amount, and the deposit was made by them in the form of Government paper.

173. After the acceptance of the tender I had numerous interviews and discussions with Messrs. Richardson and Cruddas regarding certain points of the contract for machinery, &c., and they put themselves into communication with their principals (Messrs. Hughes and Lancaster) by telegrams and letters in order to settle the points in question.

174. I was very materially assisted by Mr. Howett in these matters, and the settlements arrived at were as follows:—

(*a*) The air-condensing pumps not to be separate but driven direct from the main engines.

(*b*) The dimensions of the air and steam cylinders not to be specified, but they are to be properly proportioned for the work, and the design for the engines to be subject to my approval.

(*c*) The indicated H.-P. of the larger engines to be increased from 207 I.H.-P. to 214 I.H.-P., and a further reasonable increase to be allowed in consideration of the condenser pumps being attached and not separate.

(*d*) The option to be reserved to me (1) of requiring air-driven donkey pumps in the ejector stations instead of hand ejectors and without extra charge; (2) of having Corliss valves instead of Walker's in connection with the air-compression cylinders; (3) of substituting C. I. rings of the Ramsbottom type for gun-metal rings on to pistons of the air-compression cylinders.

(*e*) The boilers in being capable of working up to the specified pressure to be capable of doing so in accordance with the rules of the Bombay Boiler Act.

(*f*) Each boiler to have two safety valves instead of one.

(*g*) The economiser to be provided with three damper frames and dampers of the swing-door pattern for fixing in the main and by-pass flues to allow of the economiser being entirely shut off for inspection and cleaning while the boilers are under steam.

(*h*) The surplus water and relief valve branches on the delivery feed pipes to be combined into one branch.

(*i*) All pipes to be carried clear of the outer walls of the engine-house and the boiler-house respectively.

(*j*) The date of completion to be 31st March 1900.

These variations (which are for the most part additions) are comparatively unimportant, and they are not unfavourable to the Municipality.

175. The Solicitors to the Municipality were requested to prepare the contract for execution, and it was signed on 1st April 1898 by Messrs. Richardson and Cruddas, who hold a power-of-attorney from Messrs. Hughes and Lancastor in that behalf. An order to commence the work was given to them on 1st April 1898.

176. They have commenced laying air mains, and the progress is satisfactory.

177. The expenditure certified under this head to the end of the year amounted to Rs. 20,695-7-5.

XXVII.—MAZAGON SECTIONAL SEWERAGE WORKS.

178. The carrying out of this work was sanctioned by the Corporation under their Resolution No. 523, dated 8th April 1897, at a cost of Rs. 3,30,072.

179. Some portions of this work, *viz.*, ejectors, ejector stations, vent shafts and flush siphons, air mains and sealed sewage mains and their fittings, with excavation, &c., are included in the contract for the general machinery for sectional districts which has been let to Messrs. Hughes and Lancaster, as stated, under the head of " Machinery," &c.

180. The cost of the above portions at the schedule rates of the contract aggregate to £3,513 10*s.* sterling and Rs. 1,18,443.

181. The contract forms and specifications for the remaining portion, *viz.*, pipe sewers, manholes, and automatic flush tanks, are printed, and tenders will be invited in sufficient time to finish all preliminary arrangements by the end of the rains, when the works are to be started.

182. The stoneware pipes and fittings and cast-iron manhole frames and covers and steps which will be required for this work have already been obtained and are kept ready in stock.

183. The certified expenditure under this head to the end of the financial year amounted to Rs. 3,103-2-0.

184. Besides dealing with the works mentioned above, I have prepared a scheme for the drainage of the surface and sub-soil waters of Bombay.

185. The Corporation under their Resolution No. 246, dated the 5th April 1897, requested the Commissioner to direct me to draw up a scheme for facilitating the escape of flood-waters, both surface and sub-soil, and sanctioned the employment of a staff costing Rs. 1,200 for the purpose.

186. The staff was accordingly employed, and a scheme was prepared and submitted to the Municipal Commissioner under my No. S.D. 1160, dated 2nd September 1897. This scheme consists of—

(*a*) agricultural drain and low-level channel and new sluices near Worli Point ...	Rs.	11,83,726
(*b*) high-level storm-water drain from Tardeo Police Chauki to Vellard Bay ...	„	1,77,607
Total	Rs.	13,61,333

187. This was submitted to the Corporation by the Commissioner under his No. 15317, dated 16th September 1897, and in recommending it for adoption pressed upon the attention of the Corporation the urgency of the matter.

188. The Corporation accordingly at a meeting held on the 11th October 1897 appointed the following Committee to consider the scheme and to present a report by the 1st February 1898 :—

(1) The Hon'ble Mr. W. C. Hughes.
(2) Mr. Hargrave.
(3) Dr. A. G. Viegas.
(4) „ Nanabhai N. Katrak.
(5) „ K. N. Baladurji.
(6) The Hon'ble Mr. Bhalchandra Krishna.
(7) Mr. Roughton.
(8) „ Ibrahim Rahimtulla.
(9) „ Kaliandas Koshavdas.
(10) Dr. Ismail Jan Mahomed.
(11) The Hon'ble Mr. Nowroji N. Wadia, C.I.E.

189. The report of this Committee had not been presented to the Corporation at the end of the official year.

XXVIII.—SUPPLY OF STONEWARE PIPES AND FITTINGS IRON ARTICLES AND CEMENT.

190. The stoneware pipes and fittings required for the Mazagon sectional sewerage works were obtained during the year.

191. Tenders for these returnable on 27th May 1897, were invited on 4th May 1897, and two tenders were received as follows :—

(1) Messrs. Richardson & Cruddas, Rs. 37,671.

(2) „ Garlick & Co., Rs. 36,694.

192. The latter tender was Rs. 977 lower than the former, and both were below the office estimate, which amounted to Rs. 39,654.

193. The tender of Messrs. Garlick & Co. was however for the supply of Jabalpur pipes manufactured by Messrs. Burn & Co., while the specification stipulated that the "pipes shall be manufactured by one of the leading English manufacturers."

194. This tender not being in accordance with the specification, and being only about 2½ per cent. below the tender of Messrs. Richardson and Cruddas (which was for the supply of Doulton's London-made pipes), the tender of Messrs. Richardson and Cruddas was accepted under the Standing Committee's Resolution No. 2610, dated 16th June 1897, at rates aggregating to Rs. 37,671-6-7.

195. This cost was to be debited—(*a*) Rs. 2,351 to the grant for machinery, &c., for the various sectional districts, and (*b*) Rs. 35,320 to the grant for the Mazagon Sectional Sewerage District.

196. There being delay on the part of Messrs. Richardson and Cruddas in paying the contract deposit, the contract was not executed till the 29th September 1897.

197. The supply under the contract was deliverable in six equal batches. The first batch was due on the 15th of September, and was delivered about that time in anticipation of the signing of the contract. The remaining five batches were deliverable on the 15th of each succeeding month, the last batch being due on 15th January 1898.

198. The whole of the supply was not delivered within the contract time, and Messrs. Richardson and Cruddas, on being desired to explain the cause of the delay, attributed it to the Engineers' strike at home, which totally disorganised the running of the P. & O. steamers, and prevented Messrs. Doulton & Co. from obtaining freight for the pipes. They stated that they would be able to complete the supply before the 30th April 1898, and up to that time an extension was granted under the Commissioner's No. 885, dated 16th April 1898.

199. The whole of the supply was completed within the extended period, and the bills certified and passed for the same amounted to Rs. 37,671-5-0.

200. The stoneware channels (half round) required for the roadside drains in Bhoiwada Cross Road and a portion of Dadar Road were obtained from Messrs. Garlick & Co. at a cost of Rs. 3,332-5-6. The number of pipes required were 2,570 r. ft. of 9", 5,750 r. ft. of 6".

201. No tenders for these pipes were invited, but offers were called for from Messrs. Richardson and Cruddas and Messrs. Garlick & Co. The rates quoted by the former were higher than those of the latter, and the offer of the latter firm was accepted.

202. The contract was executed on the 2nd July 1897. The contract time for completing the delivery was six weeks from the date of order, which was given on the 2nd July 1897.

203. The supply was delivered within the contract time.

204. The 26" cast-iron pipes and junctions for the Fergusson Road and Chinchpokli sewerage works were deliverable by Messrs. Richardson and Cruddas under their contract, dated the 29th January 1897, in three months from the date of order, which was given on the 29th January, but they were not delivered within that period, which expired on the 29th April 1897. The supply was however completed on 26th May 1897. Messrs. Richardson and Cruddas attributed the delay to the great difficulty experienced in securing freight, as, owing to the plague and famine in India, there was no cargo offering for home ports to induce shippers to accept freight for Bombay. The Municipality was put to no loss or inconvenience on account of the short delay, and the Standing Committee accorded sanction to an extension of the contract period from 29th April to 26th May 1897 under their Resolution No. 5698, dated the 22nd September 1897.

205. The amount at which the contract was let was Rs. 28,350, and the aggregate amount of the bills certified and passed was Rs. 28,314. The difference of Rs. 36 less was due to one of the pipes supplied being of short length, *viz.*, 9 feet instead of 12 feet.

206. The length of 26" cast-iron pipe sewer having been increased, 13 more 26" cast-iron pipes were required, and they were ordered from Messrs. Richardson and Cruddas under Clause IV of their above contract and under sanction of the Commissioner's No. 4999, dated the 1st June 1897, at a cost of Rs. 1,872.

207. These were supplied in August 1897, and the bill certified and passed for them amounted to Rs. 1,872.

208. About 300 cast-iron manhole frames and covers and 1,500 steps were required for the Mazagon sectional sewerage works. I made a new design for the covers and frames for manholes, the main feature being an arrangement for excluding storm-water, which ordinarily forces its way through the space between the covers and the frames.

209. As a trial I obtained one manhole frame and cover of the new design under the Commissioner's sanction No. 7359, dated 29th June 1897, from Mr. Ardeshir K. Patel, the proprietor of the Napier Foundry, for Rs. 70, including the cost of the pattern.

210. Having made a slight modification in the design, I invited offers for all the cast-iron frames and covers and for the steps from four founders. The offers received from all the four were as follows :—

Messrs. Sorabji Shapurji & Co.	...	... Rs. 15,225
„ Richardson and Cruddas	...	... „ 14,269
„ George Gahagan & Co.	...	... „ 12,675
Mr. A. K. Patel (Napier Foundry)...		... „ 11,645

211. The lowest tender (that of Mr. A. K. Patel), which was Rs. 55 below the office estimate, was accepted under the Standing Committee's Resolution No. 5622, dated 16th September 1897, at rates aggregating to Rs. 11,645.

212. The contract was executed on the 16th October 1897, and an order to supply the frames, covers, and steps was given the same day.

213. The supply was deliverable in three equal instalments—the first on the 1st of October, the second on the 1st of November, and the third on the 1st of December 1897—and the whole of the supply was delivered within the contract time.

214. Instead of 1,500 steps as at first ordered only 700 were received, the contractor having been requested not to cast more, as it had been ascertained there was a number of steps in stock at the Bellasis Bridge Depôt.

215. Fifty additional frames and covers, costing Rs. 1,800, were ordered from Mr. Patel under clause IV of his contract, that number being required for the work to be done by this department on the Port Trust Estate at the expense of the Port Trustees as stated under the Commissioner's No. 20586, dated 12th November 1897, to the address of the Secretary, Port Trust.

216. In all 350 cast-iron frames and covers and 700 steps were obtained, and the total value as per bills certified and passed amounted to Rs. 12,993-12-0 against Rs. 13,444, the difference of Rs. 451 short being due to the short supply of 800 steps.

217. One hundred and five manhole frames and covers were obtained from time to time from Messrs. Sorabji Shapurji & Co., the standing casting contractors for the year to replace the number used from time to time for the several minor works which were carried out by this department during the year.

218. The amount paid for these was Rs. 3,201-8-7, being at the rate of Rs. 5 per cwt. *plus* 5 per cent. for the cost of patterns. The total weight of these castings was 609 cwt. 3qrs. 8lbs.

219. For the penstock required for the culvert in the eastern bank of the Mahalakshmi Storm-water Reservoir, quotations were called for from Messrs. Richardson and Cruddas and Messrs. George Gahagan & Co., the former quoting Rs. 1,150 and the latter Rs. 752.

220. The offer of Messrs. George Gahagan & Co. being the lower was accepted under sanction of the Commissioner's No. 9289, dated the 16th July 1897, and the contract was executed on 30th July 1897.

221. The penstock was deliverable in eight weeks from the date of order, which was given on 30th July 1897. It was delivered in time, and the bill for the same was certified and passed during the year.

222. A tidal flap, with the necessary gear to work it, was required for the Band Circle Storm-water Drain, and quotations for the same having been called for from three firms were received as follows :—

(1)	Messrs. Richardson and Cruddas	... Rs. 1,140
(2)	„ George Gahagan & Co.	... „ 980
(3)	Mr. A. K. Patel (Napier Foundry)	... „ 875

223. The lowest offer (that of Mr. Patel) was accepted under the Commissioner's No. 10252, dated the 26th July 1897, and the contract was executed on the 23rd August 1897.

224. The flap was deliverable within eight weeks from the date of order, which was given on the 23rd August 1897, and it was delivered in time. The bill for the same was certified and passed for payment during the year.

Cement.

225. Indents for the cement required for all the works mentioned in this report were made as before on the Deputy Executive Engineer, Drainage, during the year. Previous intimation was given to him, from time to time, as to the probable requirements of this department, to enable him to keep a sufficient stock in hand.

XXIX.—COLABA AIR COMPRESSOR STATION.

226. The machinery at the compressor station and the several ejector stations working in connection therewith worked satisfactorily during the year, and there were no serious stoppages or breakdowns of any kind.

227. Considerable progress has been made with the house connections to the system, the number of connections added during the year amounting to 189.

228. The volume of sewage to be lifted is still however much below the maximum, and the cost of lifting a given quantity is therefore greater than it would be were the engines running at a higher, and consequently more economical, speed.

229. The total number of gallons lifted by the ejector stations from March 1897 to February 1898 amounted to nearly 220 million gallons.

230. The population at present served by the Shone system is about 15,000, and the cost of working the system comes to Re. 1-4 per head per annum. The cost is necessarily great, as the system is confined to a small district, and is only partially working. The establishment and several other charges would remain very nearly the same if a much larger population were served.

231. One hundred and fifty four tons of Cardiff coal and 275 tons of Borrea A Seam anthracite coal were purchased during the year. The average rate paid for the Cardiff coal was Rs. 23-5-7 per ton and for the Borrea Rs. 14-7-0 per ton.

232. The Borrea coal has given great satisfaction. Owing to the low rates at which it could be purchased, the use of it has resulted in considerable saving, and where the boilers are not heavily fired, as at Colaba, it does not give off very much smoke.

233. The electric light installation for the station which was sanctioned by the Corporation under their Resolution No. 2272, dated 11th June 1896, at an estimated cost of Rs. 3,169, was completed in May 1897, and the light was first started on 17th of that month.

234. The plant is working smoothly at a very small cost and is quite satisfactory. The total cost of the work amounted to Rs. 3,077-10-1.

235. The electric tell-tale arrangements mentioned in last year's report for giving warning at the compressor station in the event of a stoppage of any of the ejectors have worked satisfactorily, and have not failed in a single instance to do what was required of them.

236. They are now completed to all the stations. The total cost of the work was Rs. 311-2-6 against the estimated cost of Rs. 356-0-3.

237. A small Worthington donkey pump for supplying feed-water to the boilers was purchased from Messrs. Richardson and Cruddas at a cost of Rs. 200, which was met by a transfer from the coal grant. This pump was obtained to take the place of that supplied with the plant, which was of rather too large a size.

238. Six sets of indicating gear to allow of indicator diagrams being taken from the engine cylinders were purchased from Messrs. Hughes and Lancaster at a cost of £31 10*s.* sterling, or Rs. 501-14-6. The cost was met from the special provision of Rs. 630 entered in the budget under the grant for stores and contingencies.

239. The following statement shows the grants under the several budget heads for the maintenance of the station and the actual expenditure incurred under each head:—

Sections.	Particulars.			Budget grants, including transfers and renewed grants.			Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
1	Establishment				6,876	0	0	6,589	14	10
2	Extra labour				920	0	0	.....		
3	Coal	18,260	0	0						
	Less—Transferred to Sec. V Rs. 200 0 0									
	Do. do. IV 200 0 0									
	Do. do. VI 127 13 10									
		527	13	10						
					17,732	2	2	7,481	4	9
4	Repairs to machinery of the station and ejectors	1,000	0	0						
	Add—Transferred from Sec. III	200	0	0						
					1,200	0	0	1,065	12	6
5	Stores and contingencies ...	3,030	0	0						
	Add—Transferred from Sec. III	200	0	0						
					3,230	0	0	2,427	9	9
6	Repairs to buildings ...	200	0	0						
	Add—Transferred from Sec. III	127	13	10						
					327	13	10	327	12	10
7	Telephone connection				175	0	0	175	0	0
8	Rent payable to Telephone Co. for tell-tales				475	0	0	475	0	0
9	Water-supply				1,500	0	0	535	10	0
10	Halalkhor tax in respect of the residencies at the air-compressor station				172	0	0	165	4	10
11	Lighting the station with electricity				1,869	0	0	1,777	10	1
12	Fitting up tell-tale arrangements at the ejector station				712	4	3	311	2	6
		Total	Rs.		35,189	4	3	21,332	2	1

I have the honour to be,

Sir,

Your most obedient Servant,

JAMES W. SMITH, M. INST.C.E.,

Special Drainage Engineer.

K.—FIRE BRIGADE.

The establishment has been upheld in a state of efficiency during the year, and all appliances are in good condition and thorough working order.

No case of loss of life by fire, where the Brigade was concerned, has occurred during the year.

Several members of the Brigade have received injuries in the execution of their duty at fires, none of which were of a serious nature. Several men were also injured during the rioting of the 9th March, all of whom, however, have since recovered, and the health of the members of the Brigade has been fairly good, notwithstanding their extra duties in connection with plague operations.

The water-supply at fires has been satisfactory in all cases, and the attendance of the Water Works staff has been prompt and of great assistance to the Brigade.

The inspection of hydrants throughout the City has been carried out by the Brigade in a systematic manner during the year.

The fire service at the Municipal Offices has been maintained in good working order, and the employés have periodically been drilled in the use of the appliances.

The fire appliances at the several Municipal markets have also been periodically inspected and cleaned.

The new station at Gowalia Tank Road is now in course of erection, and will, in all probability, be occupied during the ensuing year.

Six additional men have been employed to complete the staff at each Manual Engine Station.

The Corporation were pleased, in their Resolution, No. 11676, dated the 2nd March 1898, to grant an extra allowance of one-sixth of the salary to 120 men performing extra duty at Segregation Camps, from the 12th October 1897 to the 27th January 1898, and also in their Resolution, No. 2655, dated the 22nd June 1898, to grant an extra allowance, from the 28th January of one-fifth of the salary to 152 men on account of services rendered in flushing gullies, &c., in connection with the measures adopted for suppression of the Plague.

Two horses have been purchased during the year in place of two sent to Pinjrapol.

An order for 7,860 feet of delivery hose and other appliances was satisfactorily executed by Messrs. John Fleming & Co. during the year.

Provision has been made in the ensuing year's Budget for a supply of 3,000 feet of delivery hose, to replace other condemned and sold by public auction in the year 1896-97.

The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	12 First Class Tindals.
1 Surgeon.	6 Second ,, ,,
1 Clerk.	108 Firemen of Grades.
1 Head Foreman.	7 Drivers.
5 Foremen.	7 Grooms.
6 Engineers.	

Making a total of 155, including all ranks.

Equipment.

8 Steam Fire Engines.	6 Telescopic Fire-escapes.
9 Manual ,,	1 Brake.
16 Hose Reels.	15 Horses.
7 Tender Carts.	

291 lengths of delivery hose, comprising about 17,460 feet, and other necessary fire-extinguishing appliances.

The distribution of engines, &c., is as under :—

No.	Stations. Name.	Engines. Steamers.	Engines. Manuals	Hose Reels.	Tender Carts.	Fire Escapes.	Brakes.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	3	3	3	1	1	1	5	69	1	1	1	1	12	2	2	
2	Gowalia Tank	1	...	2	1	1	...	2	30	1	1	1	1	12	1	1	
3	Chinchpokli	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
4	Babula Tank	1	...	2	1	1	...	2	30	1	1	1	1	12	1	1	
5	Fort	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
6	Colaba	1	...	1	1	1	...	2	30	1	1	1	1	12	1	1	
7	Malabar Hill	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
8	DeLisle Road	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
9	Mahim	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
10	Dadar...	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
11	Mazagon	...	1	1	...	...	...	...	12	...	...	1	...	6	...	...	
12	Bhuloshwar	...	1	1	1	...	...	...	12	...	...	1	...	6	...	...	
	Total... ...	8	9	16	7	6	1	15	291	6	6	12	6	108	7	7	

The number of calls to fires, or supposed fires, received during the year has been 143 ; of this number 20 were reported by the Police, but did not require the attendance of the Brigade ; the remaining 123 involved the turning out of engines and men, and resulted in 7 false alarms and 116 fires, 74 of which were extinguished by Brigade appliances and 42 before the arrival of the Brigade. (See Tables 1 and 2.)

The estimated damage to property during the year has amounted to Rs. 19,98,464, showing an increase of Rs. 1,22,802 as compared with the preceding year. (See Table No. 3.)

The amount of damage to property at the 74 fires extinguished by the Brigade with the use of Brigade appliances is estimated at Rs. 19,97,148, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 78,48,798. (See Tables 2 and 4.)

The estimated damage to insured property has been Rs. 18,73,600, whilst that to uninsured property has been Rs. 1,25,404.

The estimated quantity of water used for extinguishing fires during the year has been 2,311,760 gallons, or about 10,320 tons ; of this quantity, 1,041,560 gallons were taken from the street mains and 1,270,200 from wells and tanks. (See Table No. 5.)

The fires of 1897-98 show an increase of 14 above the fires of 1896-97, and compared with the average of the past ten years an increase of 27.

The most destructive fire of the year was that of March 3rd at the Mazagon Spinning and Weaving Mill, Reay Road, at which property to the estimated extent of Rs. 10,00,000 was destroyed. This fire was extinguished by the aid of all the Brigade's working steamers, six in number, and the assistance of the mill appliances.

The remaining fires worthy of note were as follows :—

April 12th, at Baroda Street, a large godown and contents was severely damaged by fire, and was extinguished by the aid of five Brigade steamers after a damage of Rs. 37,500 had been caused.

On May 17th an alarming fire occurred at Lohar Chal Street, where two dwelling-houses and contents, owned by Vassonji Khimji, Esq., were severely damaged by fire to the extent of Rs. 15,120, and was extinguished by the aid of three Brigade steamers and 2 hydrants.

On August 31st a dwelling-house and shops at Bhendy Bazaar, Parel Road, were damaged to the extent of.Rs. 9,500.

On September 20th a most destructive fire occurred at the Framji Petit Spinning and Weaving Mill, Magazine Road. A severe storm prevailed at the time, and it is presumed the mill was struck by lightning. The Brigade steamers, six in number, assisted by the mill appliances, were brought into use before the fire could be brought under control, the estimated damage being Rs. 5,00,000.

November 9th, at the Lukmidass Khimji Cloth Market, Shaik Memon Street, several shops and contents were severely damaged by fire, and was extinguished by one Brigade steamer and one hydrant, a loss of Rs. 14,400 accruing.

November 23rd, at Cotton Green, Colaba, a large number of unpressed bales of cotton were damaged by fire and water to the extent of Rs. 16,000. Two Brigade steamers and private appliances were got to work to extinguish this fire.

On December 20th a most destructive fire occurred at Worlee, nearly two-thirds of the village being destroyed. The fire was extinguished by the aid of two Brigade steamers and one manual, damages being estimated at Rs. 50,000.

On January 1st a printing press and contents at Girgaum Road were severely damaged by fire, and was extinguished after property to the value of Rs. 34,050 had been destroyed.

On January 3rd a serious fire occurred at Oak Lane, Fort, in which a dwelling-house and shops were damaged to the extent of Rs. 49,500. Three Brigade steamers were used to extinguish this fire.

February 15th, at the Jivraj Baloo Spinning and Weaving Mill, Tardeo, a large godown and contents were destroyed, the fire being extinguished by three Brigade steamers, a damage of Rs. 25,000 accruing.

On February 19th a large godown and contents at the Lukmidass Khimji Spinning and Weaving Co.'s Mill at Fergusson Road were severely damaged by fire. Three Brigade steamers and mill appliances were brought into use, and the fire was not extinguished till damages to the extent of Rs. 1,60,050 had been sustained.

On the same date the Modykhana Segregation Camp was the scene of a disastrous fire, the loss being estimated at Rs. 11,150. Six Brigade steamers were requisitioned to extinguish this fire.

The following tables are annexed :—

Table No. 1.—Attendance at fires.

Do. „ 2.—Statement showing by what means fires were extinguished.

Do. „ 3.—Summary of fires and estimated loss.

Do. „ 4.—Statement showing the estimated damage and property at risk at fires extinguished by Fire Brigade appliances.

Do. „ 5.—Estimated quantity of water delivered at fires.

Do. „ 6.—List of causes of fires.

Do. „ 7.—Hourly summary of fires.

Do. „ 8.—Monthly summary of fires and annual loss for the period 1888-89 to 1897-98.

Do. „ 9.—List of fires where property to the extent of Rs. 2,000 and upwards was destroyed.

Table No. 1.

Attendances, &c., at Fires during the year 1897-98.

Month.	Fires attended by Brigade.	Fires extinguished by Brigade.	Fires extinguished before the arrival of Brigade.	Fires reported "Out" by Police.	Total Fires.
April	6	5	1	1	7
May	12	8	4	...	12
June	5	3	2	1	6
July	7	4	3	1	8
August	3	1	2	1	4
September	6	4	2	1	7
October	12	5	7	1	13
November	14	10	4	4	18
December	11	6	5	3	14
January	19	13	6	...	19
February	7	5	2	2	9
March	14	10	4	5	19
Total...	116	74	42	20	136

Table No. 2.

Statement showing by what means Fires were extinguished during the year 1897-98.

Month.	Steamers.	Manuals.	Hydrants.	Hand Pumps and Buckets.	Private Appliances	Total Fires.	REMARKS.
April	2	...	3	...	2	7	
May	1	...	4	3	4	12	
June	...	...	2	1	3	6	
July	...	...	4	...	4	8	
August	...	...	1	...	3	4	
September	1	...	1	2	3	7	
October	3	...	1	1	8	13	
November	4	...	5	1	8	18	
December	4	...	1	1	8	14	
January	2	...	10	1	6	19	
February	4	...	1	...	4	9	
March	2	...	3	5	9	19	
Total...	23	...	36	15	62	136	

Table No. 3.

Summary of Fires and Estimated Loss for the year 1897-98.

Month.	Serious Fires.	Slight Fires.	Total Fires.	Estimated Loss.
				Rs.
April	2	5	7	44,531
May	1	11	12	18,951
June	...	6	6	926
July	1	7	8	2,661
August	1	3	4	9,663
September	1	6	7	5,00.335
October	...	13	13	3,287
November	4	14	18	49,146
December	3	11	14	68,440
January	4	15	19	90,602
February	4	5	9	2,04,931
March	2	17	19	10,04,991
Total for 1897-98...	23	113	136	19,98,464
Total for 1896-97...	16	106	122	18,75,662
Total estimated increase				1,22,802

Table No. 4.

Statement showing the Estimated Damage and Property at risk at Fires extinguished by the use of Brigade Steamers, Manuals and Hydrants during the year 1897-98.

Month.	Number of Fires extinguished by Brigade Steamers, &c.	Estimated Loss.			Property at Risk.		
		Rs.	a.	p.	Rs.	a.	p.
April	5	44,506	0	0	21,80,494	0	0
May	8	17,115	0	0	4,54,935	0	0
June	3	923	0	0	25,077	0	0
July	4	2,157	0	0	63,141	0	0
August	1	9,500	0	0	29,900	0	0
September	4	5,00,130	0	0	10,11,370	0	0
October	5	2,974	0	0	39,526	0	0
November	10	49,075	0	0	7,33,000	0	0
December	6	67,608	0	0	1,33,992	0	0
January	13	90,454	0	0	1,75,203	0	0
February	5	2,03,500	0	0	18,44,650	0	0
March	10	10,09,006	0	0	11,47,510	0	0
Total...	.....	19,97,148	0	0	78,48,798	0	0

Table No. 5.

Estimated Quantity of Water delivered at Fires by Engines and Hydrants during the year 1897-98.

Month.	Mains.	Sea.	Wells and Tanks.	Total.
	Gals.			Gals.
April	168,600	...	.....	168,600
May	33,500	...	.....	33,500
June	4,680	...	.....	4,680
July	3,960	...	3,600	7,560
August...	12,000	...	.....	12,000
September	26,400	...	290,000	316,400
October	26,800	...	3,200	30,000
November	93,820	...	.....	93,820
December	101,400	...	2,000	103,400
January	85,400	...	8,400	93,800
February	367,600	...	594,000	961,600
March	117,400	...	369,000	486,400
Total Gallons	1,041,560	...	1,270,200	2,311,760
Total Tons and Gallons ...	4,649+184	...	5,670+120	10,320+80

Table No. 6.

List of Causes of Fires for the year 1897-98.

Causes.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Bursting of ether-retort	...	...	...	...	...	...	...	...	...	1	...	...	1
Careless use of fire ...	1	3	2	2	...	1	...	3	3	1	2	2	20
Do. do. fireplace.	...	...	...	...	...	...	...	...	...	1	...	...	1
Do. do. kerosine lamp.	...	...	...	..	1	...	5	2	2	...	1	2	13
Do. do. matches..	1	...	...	...	1	...	...	...	...	...	...	...	2
Do. do. oil lamp.	...	...	...	...	...	...	...	...	2	...	...	...	2
Do. smoking ...	...	...	...	...	...	...	...	...	...	4	...	1	5
Cart colliding with street lamp	...	...	...	...	...	...	...	...	1	...	...	...	1
Dammer boiling over ...	...	...	...	1	...	...	...	...	...	1	...	...	2
Doubtful	...	...	...	...	...	...	1	...	...	...	...	...	1
Friction of machinery..	...	3	...	...	...	...	...	...	...	1	1	2	7
Ghee boiling over ...	...	...	1	...	...	...	...	...	...	...	...	...	1
Incendiarism	...	...	...	...	...	...	...	...	...	...	...	7	7
Kerosine lamp upset...	...	...	1	...	1	...	...	...	...	...	..	1	3
Do. do. exploding.	...	...	..	...	...	...	...	...	...	...	1	1	2
Letting off fireworks ...	...	...	...	...	...	...	2	...	...	...	...	...	2
Lightning	...	...	1	...	...	...	...	...	...	.	...	...	1
Light thrown down ...	2	4	1	2	1	2	2	6	2	2	...	1	25
Oil-lamp...	1	...	...	...	...	...	...	1	...	...	...	...	2
Overheat of furnace chimney.	...	...	..	...	...	...	...	1	...	...	...	...	1
Do. machine bearings ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Do. oven	...	...	...	...	...	...	...	...	...	1	...	...	1
Rat extracting wick from oil lamp ...	...	...	...	...	...	...	...	...	1	...	...	...	1
Spark from fire... ...	...	...	...	...	...	1	...	1	1	...	...	...	3
Do. forge ...	...	...	...	...	...	...	1	...	1	...	...	...	2
Spontaneous combustion	...	1	...	...	...	...	...	...	...	...	...	...	1
Stack of timber falling on fire...	...	...	...	1	...	...	...	...	...	...	...	...	1
Stone in machinery ...	...	...	...	1	...	2	...	...	...	...	...	...	3
Sugar boiling over ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Unknown	2	1	...	1	...	1	2	3	1	7	4	1	23
Total ...	7	12	6	8	4	7	13	18	14	19	9	19	136

Table No. 7.

Hourly Summary of Fires for the year 1897-98.

Hours.		April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.
A.M.	1st...	...	...	...	...	...	2	2	...	1	1	1	...	7
	2nd...	...	...	...	1	...	...	...	2	...	2	1	1	7
	3rd...	...	...	...	1	1	...	...	...	1	...	1	...	4
	4th...	1	1	...	...	...	...	2	...	...	1	1	...	6
	5th...	...	...	...	...	...	...	...	...	...	...	...	...	...
	6th...	...	...	...	...	...	...	...	...	1	...	...	...	1
	7th...	1	...	1	...	...	...	...	...	...	...	...	...	2
	8th...	...	...	1	...	...	...	...	..	1	1	...	...	3
	9th...	...	3	...	1	...	2	...	1	2	...	...	1	10
	10th...	...	1	...	...	...	...	...	1	...	2	...	1	5
	11th...	1	1	...	...	...	...	...	...	2	3	...	...	7
	12th...	...	...	...	...	...	...	1	1	...	2	...	1	5
P.M.	1st...	...	1	...	...	...	1	2	1	...	...	1	3	9
	2nd...	...	1	...	...	...	1	1	1	2	1	...	6	13
	3rd...	...	1	...	...	...	...	...	1	...	1	1	...	4
	4th...	1	...	...	3	1	...	1	1	2	1	1	...	11
	5th...	...	...	1	1	...	...	...	1	...	...	...	...	3
	6th...	...	1	1	...	...	1	...	...	...	1	1	1	6
	7th...	1	...	...	...	...	...	...	1	2	1	...	1	6
	8th...	...	...	...	1	1	...	1	4	...	1	...	1	9
	9th...	...	...	1	...	1	...	3	...	...	1	...	1	7
	10th...	1	1	...	...	...	...	...	2	...	...	1	...	5
	11th...	1	...	...	...	...	...	...	1	...	...	...	1	3
	12th...	...	1	1	...	...	...	...	...	...	...	...	1	3
Total ...		...	...	...	...	...	...	...	...	..	...	...	...	136

Table No. 8.

Monthly Summary of Fires and Annual Losses for the period 1888-89 to 1897-98.

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.	Estimated Loss.		
														Rs.	a.	p.
1888-89 ...	8	7	2	1	7	4	7	6	10	7	13	14	86	7,65,766	1	0
1889-90 ...	7	6	6	7	2	3	13	10	11	14	8	88	22,62,121	2	0
1890-91 ...	11	13	9	8	8	4	9	9	10	13	16	15	120	22,92,675	10	0
1891-92 ...	6	10	8	2	5	7	11	13	19	14	16	16	127	75,908	0	0
1892-93 ...	8	12	10	9	4	8	12	15	17	11	17	19	137	8,18,599	0	0
1893-94 ...	14	8	9	8	8	2	14	15	11	13	16	12	120	6,77,128	0	0
1894-95 ...	7	12	7	8	8	4	8	6	10	16	12	9	97	2,25,445	0	0
1895-96 ...	15	13	11	9	2	8	9	12	24	13	9	13	130	20,41,571	0	0
1896-97 ...	12	20	8	8	7	8	12	16	8	7	6	9	122	18,75,662	0	0
1897-98 ..	7	12	6	8	4	7	13	18	14	19	9	19	136	19,98,464	0	0

Table No. 9.

List of Fires through which Property to the extent of Rs. 2,000 and upwards was destroyed.

Date.	Locality.	Description of property destroyed.	Estimated value of property destroyed.
1897.			Rs.
April 12th	Baroda Street	Godown	37,500
„ 13th	Chinch Bunder Road	Do.	5,000
May 17th	Lohar Chal Street	House	15,120
July 14th	Clerk Road	Chawl	2,135
August 31st	Bhendy Bazaar	Dwellings and shops	9,500
September 20th	Magazine Road	Mill	5,00,000
November 9th	Shaik Memon Street	Cloth market	14,000
„ 13th	Colaba	Cotton	9,250
„ 21st	Chandanwadi	Stables	8,600
„ 23rd	Colaba	Cotton	16,000
December 20th	Warlee	Houses	50,000
„ „	Old Hanuman Lane	Building	11,000
„ 30th	Warlee	Houses	5,700
1898.			
January 1st	Girgaum Road	Printing Press	34,050
„ 3rd	Oak Lane, Fort	Dwellings and shops	49,500
„ 6th	DeLisle Road	Cotton	2,000
„ 13th	Gilder Street	Godown	3,200
February 7th	Belasis Road	Dwellings and shops	6,300
„ 15th	Tardeo Road	Mill	25,000
„ 19th	Fergusson Road	Mill	1,60,050
„ „	Modykhana	Segregation camp	11,150
March 3rd	Reay Road	Mill	10,00,000
„ 21st	Moogbhat	Dwelling and stable	3,500

RETURN

Return of Fires in the City of Bombay

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
1	1897. 4th April.	1-50 p.m.	Chinch Bunder Rd.	The	Bombay Municipality.	
2	7th „	6-10 „	Middle Colaba (Military Lines).	The	Government of India.	
3	12th „	10-55 „	82, Baroda Street (Mandvie).	Hirji Govindji and others.	General Merchants.	Hirji Govindji .....
			80, do. ...	Do. ...	Do. ...	Do. .....
			Ahmedabad Street	Vishram Ebrahim ...	Do. ...	Vishram Ebrahim ...
4	13th „	6-40 a.m.	67, Chinch Bunder Road, 1st Cross Lane.	Kessowji Deokan.....	Grain Merchant ...	Gokuldass Deoji .....
5	16th „	10-1 „	Matoonga	Chintoo Bhasker	Private	Chintoo Bhasker .....
6	„ „	3-30 „	Gorapdeo Road (Alexandra Mill).	E. D. Sassoon & Co....	Cotton Spinners ...	J. E. Sassoon.....
7	28th „	3-30 p.m.	Foras Road	Haslamuni (woman) .	Private	Noor Mahomed.....

OF FIRES.

from 1st April 1897 up to 31st March 1898.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Not insured.	By Police at 1-55 p.m.	By firemen with one hydrant.	From main at 2-2 p.m.	Some rubbish burned and a Municipal cart slightly damaged by fire on open ground.	6 0 0
Do. ...	Unknown.	By telephone at 6-15 p.m.	By inmates	Stored on premises.	A weather frame over first floor damaged by fire	15 0 0
Unknown	Bdg. and contents insured.	By telephone at 11-6 p.m.	By firemen with five steamers.	From main at 11-15 p.m.	A building of one and two floors, about 60×40 ft. (used as godown), and contents very severely damaged by fire, and roof off.	
Do.	Do. ...	Do. ...	Do. ...	Do. ...	Side front and roof of a building of four floors damaged by fire and breakage, and contents slightly by water.	37,500 0 0
Do.	Bdg. insured, contents not insured.	Do. ...	Do. ...	Do ...	Roof of ground floor (used as a godown) damaged by fire, and contents slightly by water.	
Oil lamp	Bdg. insured, contents unknown.	By telephone at 6-45 a.m.	By firemen with one hydrant.	From main at 6-54 a.m.	Contents on ground floor damaged by fire, smoke and water, and several windows broken open	5,000 0 0
Careless use of matches.	Not insured.	By telephone at 10-5 a.m.	Do. ...	From main at 10-10a.m.	A jowli hut and contents nearly burned out	1,000 0 0
Unknown	Unknown.	By telephone at 3-35 p.m.	By firemen and mill employés with one Brigade steamer, mill hydrants and sprinklers.	From mill tank and main at 3-45 a.m.	A corrugated shed about 60×20 feet (used as waste godown) and contents severely damaged by fire and part of roof off. Godowns and carding-room adjoining, and contents damaged by fire and water, and roofs by fire and breakage.....	1,000 0 0
Careless use of fire.	Not insured.	Reported by Police at 6-10 p.m.	By inmates	Stored on premises.	Some bedding and wearing apparel slightly damaged by fire on ground floor.	10 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
8	3rd May.	8-40 a.m.	Middle Colaba (Sassoon Press).	Ralli Brothers	Cotton Merchants..	E. D. Sassoon .....
9	8th „	8-45 „	Fergusson Road (Presidency Mill).	Runchordass Narotumdass.	Cotton Spinners ...	Runchordass Narotumdass.
10	„ „	5-45 p.m.	Carroll Road (David Mill).	David & Co.	Do. ...	David & Co. .....
11	17th „	8-45 a.m.	Lohar Chal Street...	Vassonji Khimji	Private	Vassonji Khimji .....
			Do. ...	Do.	Do.	Do. .....
			Do. ...	Lallji Runchorji	Do.	Lallji Runchorji .....
12	18th „	2-10 p.m.	Chowpatti Road (Tarwady).	Segregation Camp		The Port Trust.....
13	21st „	12-35 „	Tava Lane (Pydhoni).	Jaitha Krishna and others.	Private	Hajee Cummishal Haji Sali Mahomed.
14	„ „	1-25 „	Falkland Road	Manjubai (woman) ...	Do.	Jan Mahomad Noor Mahomed.

Cause.	Insurance	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Friction	Bdg. and contents insured.	By telephone at 8-45 a.m.	By firemen and employés with hand pump and buckets.	Stored on premises.	A quantity of loose cotton damaged by fire and water on first floor and part of roof off	400 0 0
Friction of machinery.	Do. ...	By telephone at 8-55 a.m.	By mill sprinklers.	Do. ...	A quantity of loose cotton damaged by fire and water in blow-room	1,500 0 0
Do. ...	Do. ...	By Police at 5-55 p.m.	By employés with private appliances.	Do. ...	A quantity of loose cotton in blow-room slightly damaged by fire and water	300 0 0
Light thrown down.	Do. ..	By telephone at 8-50 a.m.	By firemen with three steamers and two hydrants	From main at 8-59 a.m.	A building of four floors, ground floor (used as stable) and contents nearly burned out, upper floors (used as dwelling) and contents severely damaged by fire, heat and water	10,000 0 0
Do. ...	Bdg insured; contents not insured.	Do. ...	Do. ...	Do. ...	A building of five floors, side front severely damaged by fire and heat, several rooms and contents on third and fourth floors damaged by fire, rest of building and contents by heat and water.....	5,000 0 0
Do. ..	Unknown.	Do. ...	Do. ..	Do. ..	A building of three floors (used as shop and dwelling), side front slightly damaged by fire and heat, and contents by removal ..... Total loss Rs. 16,120.	120 0 0
Careless use of fire.	Not insured.	By telephone at 2-15 p.m.	By firemen with 1 hydrant.	From main at 2-25 p.m.	Two jowli huts, each about 50 × 15 ft., and part of contents nearly burned out...	1,100 0 0
Do. ..	Bdg. and contents not insured.	By telephone at 12-40 p.m.	Do.	From main at 12-47 p.m.	Two rooms on second floor and contents slightly damaged by fire and part of roof off	80 0 0
Light thrown down.	Do. ...	By telephone at 1-30 p.m.	By inmates ...	Stored on premises.	Attic on second floor and contents damaged by fire and heat, and part of roof off...	26 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
15	23rd May.	9-17 p.m.	Bardhan Street (Mandvi).	Nazar Ahmed	Cart Driver	Moosa Maplah .....
16	24th „	11-20 „	Haines Road	Noor Mahomed Wazier.	Private	Nanabhoy Rustomji...
17	25th „	9-35 a.m.	Mori Road (Mahim)	Govind Dhondji	Fisherman.....	Gungaram Narayan...
18	27th „	10-1 „	Kamatipura 2nd Street.	Luxooman Deena.....	General Dealer	Dobai (woman).....
19	30th „	8-15 „	Malet Bunder	Bomanji Edulji	Coal Merchant	The Port Trust .....
20	8th June..	5-50 p.m.	Fergusson Road (Jamshed Mill).	Messrs. Hormusji Sorabji & Co.	Cotton Spinners ...	Messrs. Hormusji Sorabji & Co.
21	9th „	6-59 a.m.	Mount Road (Mazagon).	H. H. Aga Khan.....	Private	H. H. Aga Khan .....
22	13th „	4-28 p.m.	Bhoiwar Lane, Fort	Hormusji Dhunjibhoy	Private	Dinshaw Pestonji.....
23	16th „	8-10 „	Abdul Rehman St..	Novroji Nusserwanji.	Rope Merchant.....	Navroji Nusserwanji.
24	„ „	11-15 „	Tardeo Road.....	Bai Luxmibai Vinayek Shunkersett.	Private	Bai Luxmibai Vinayek Shunkersett.
25	27th „	7-1 a.m.	Clare Road (Byculla).	J. Priestly.....	Photographer	Somji Hakia.....
26	2nd July.	4-30 p.m.	Matharpakadi Road (Mazagon Mill).	Sir D. M. Petit & Sons	Cotton Spinners ...	Sir D. M. Petit & Sons
27	13th „	8-3 a.m.	Matoonga	Osman Jan Mahomed	Dyer	Osman Jan Mahomed.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Bdg. and contents not insured.	By telephone at 9-25 p.m.	By firemen with 1 hydrant.	From main at 9-35 p.m.	A tiled shed (used as stable) and contents severely damaged by fire, and roof off	260 0 0
Do. ..	Not insured.	By fireman at 11-25 p.m.	By firemen with buckets.	From main at 11-35 p.m.	A jowli hut and contents severely damaged by fire.....	45 0 0
Unknown	Unknown..	By stranger at 9-36 a.m.	By inmates	Stored on premises.	A jowli hut and contents slightly damaged by fire	10 0 0
Careless use of fire.	Contents and bdg. not insured.	By telephone at 10-6 a.m.	By firemen with hand-pump.	Do. ...	A shop and contents damaged by fire, water and removal...	160 0 0
Spontaneous combustion.	Not insured.	By police at 3-30 a.m.	By firemen with 1 hydrant.	From main at 8-55 a.m.	The centre portion of a stack of coal of about 800 tons damaged by fire	Loss unknown.
Lightning	Bdg. and contents insured.	By telephone at 5-55 p.m.	By mill employés with private appliances.	Stored on premises.	A quantity of waste cotton burned on first floor	*Nil.*
Ghee boiling over	Bdg. and contents not insured.	By telephone at 7-5 a.m.	By firemen with 2 hydrants.	From main at 7-15 a.m.	A cadjan shed (used as cook-house) and contents severely damaged by fire. Roof of chawl and stables adjoining slightly by fire and breakage.	900 0 0
Careless use of fire.	Bdg. insured; contents not insured.	By stranger at 4-30 p.m.	By firemen with hand pump and buckets.	Stored on premises.	A number of cowdung cakes damaged by fire on fourth floor	8 0 0
Kerosine lamp upset.	Bdg. and contents not insured.	Reported by police at 8-15 p.m.	By inmates.....	None used ..	A kerosine lamp destroyed on third floor	2 0 0
Careless use of fire.	Not insured.	By police at 11-17 p.m.	By firemen with 1 hydrant.	From main at 11-22 p.m.	A lean-to hut adjoining dwelling house burnt out.....	20 0 0
Light thrown down.	Not insured.	By telephone at 7-2 a.m	By inmates	Stored on premises.	Some coir matting damaged by fire on first floor.	1 0 0
Stone in machinery.	Bdg. and contents insured.	By telephone at 4-46 p.m.	By mill employés with private appliances.	Do.	A quantity of loose cotton damaged by fire in blow-room on ground floor	200 0 0
Unknown	Unknown..	By stranger at 8-10 a.m.	By strangers with buckets.	From a pond	A jowli hut and contents nearly burned out	290 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
28	14th July..	3-40 p.m.	Clerk Road	Sorkibai	Private	Damodhurdass Tapidass.
29	19th „	9-7 „	Khetwady Main Road.	Joshi Kissundass Jadowji.	Sugar refinery	Gosvamishiri Deokinund Acharia Maharaja.
30	2nd „	1-24 a.m.	Lohar Chal Street	Tar Mahomed	General Dealer.....	Narayan Hurry .....
31	25th „	3-45 p.m.	Pydhoni Road	Sulaman Haji Jumma	Timber Merchant...	Haji Osman Haji Chotani.
32	27th „	3-1 „	1st Boiwada Street	Ranchoor Lukhoo	Private	Nusserwanji M. Petit.
33	29th „	2-5 a.m.	346, Kalbadevi Rd	Damodhur Sassidass	Do.	Damodhur Sassidass.
34	18th Aug.	7-48 p.m.	Byculla	Bombay Educational Society's Miss	Parker, Head Mistress.	School.
35	19th „	8-15 „	Victoria Dock	S. S. Austrian Lloyd's C. Von	Imperator. Navigation Company. Hoffer, Agent.	
36	22nd „	8-15 „	No. 15, Shaik Memon Street.	Maniklal Heralal.....	Blanket Manufacturer.	Jaidass Gungadass...
37	31st „	2-45 a.m.	Bhendy Bazaar (Parel Road).	Hunsraj Sanghmed ...	Glass Bangle Merchant.	Haji Zenal Abadin Shernjee.
			Do. ..	Tulsaji Pooraji	Do. ...	Do. .....
38	5th Sept.	1-15 p.m.	Mahim BazaarRoad	Bhimjee Ebrahim ...	Grain Merchant ...	Nathoo Walji .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs.	a.	p.
Careless use of fire.	Not insured.	By telephone at 8-45 p.m.	By firemen with 1 hydrant.	From main at 8-50 p.m.	A ground floor chawl about 120×30 feet, and contents damaged by fire, and part of roof off.....	2,135	0	0
Do. ...	Bdg. & contents insured.	By telephone at 9-10 p.m.	Do. ...	From main at 9-21 p.m.	A quantity of sugar and some gunny bags damaged by fire and water on ground floor	10	0	0
Light thrown down.	Not insured.	By telephone at 1-27 a.m.	By inmates	Stored on premises.	A bed and bedding damaged by fire on ground floor	10	0	0
Stack of Timber falling on fire.	Do. ...	By telephone at 4-15 p.m.	By firemen with 1 hydrant.	From main at 4-30 p.m.	Some wearing apparel and bedding damaged by fire, in shed	10	0	0
Dammer boiling over.	Do. ...	By Fireman at 8-3 p.m.	Do. ...	From main at 8-5 p.m.	A quantity of dammer burned on ground floor	4	0	0
Light thrown down.	Do. ...	Reported by police at 2-15 a.m.	By inmates	Stored on premises.	Some rubbish burned, and a window frame slightly damaged by fire on 1st floor.	2	0	0
Kerosine lamp upset.	Bdg. insured; contents unknown.	By police at 7-50 p.m.	Do. ...	None used...	Three kerosine lamps destroyed on first floor, rest of contents slightly damaged by heat and breakage	100	0	0
A case of matches igniting by friction.	Cargo and vessel insured.	By telephone at 8-22 p.m.	By crew and dock employés with ship and dock appliances.	From dock main and sea at 8-20 p.m.	A case of matches and a tarpaulin burned in No. 1 forehold.	60	0	0
Light thrown down.	Contents and bdg. not insured.	Reported by stranger at 8-20 p.m.	By inmates	Stored on premises.	A bed and bedding damaged by fire on ground floor	8	0	0
Kerosine lamp ...	Contents and bdg. not insured.	By telephone at 2-55 a.m.	By firemen with 2 hydrants.	From main at 3 a.m.	A ground floor building, shop with loft over, and contents severely damaged by fire, and roof off;	9,500	0	0
Do. ...	Do. ...	Do. ...	Do. ..	Do. ...	Loft over shop, and contents severely damaged by fire, and contents under by water, and roof off .. Total loss Rs. 9,500.	1,000	0	0
Light thrown down.	Not insured.	By police at 1-20 p.m.	By inmates	Stored on premises.	A jowli weather frame damaged by fire on ground floor	5	0	0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
39	1897. 12th Sept.	8-32 a.m.	Ridge Road	Mrs. Solomon	Private	Mr. David Sassoon ...
40	14th „	5-30 p.m.	DeLisle Road (Wadia Mill).	Jairam Narronji and Sons.	Cotton Spinners ...	Wadia Mill Co., Ld. ..
41	17th „	12-45 „	DeLisle Road	Makoon Jetha	Gardener	Sorabji Jamsetji .....
42	18th „	8-56 a.m.	Kamatipura 13th Street.	Bhikee (woman)	Private	Nathooji Dhunjibhoy.
43	20th „	12-35 „	Magazine Road (Mazagon).	Framji Petit Mills ...	Cotton Spinners ...	Dinshaw Maneckji Petit, Sons & Co., Agents.
44	22nd „	12-5 „	Gassara Road (Mazagon).	Ebrahim Kassum.....	Charcoal Merchant.	The Port Trust .....
45	1st Oct.	12-5 „	Thakurdwar Road..	Shewram Harrichand.	Grain Merchant ...	Jalbhai Ardeshir .....
46	2nd „	8-20p.m.	553, Girgaum Road.	Ebrahim Mussa.....	Bottle Merchant ...	Kursondass Karrimshi

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss	Rs. a. p.
Spark from fire...	Unknown..	By stranger at 8-35 a.m.	By firemen with buckets and hand pumps.	Stored on premises.	A quantity of cowdung cake burned, outhouse (used as stable) and roof of ditto slightly damaged by fire and breakage	5 0 0
Stone in machinery.	Bdg. and contents insured.	Reported by stranger at 6-1 p.m.	By employés with mill appliances.	Private hydrants from Municipal main at 5-35 p.m.	A quantity of cotton dust burned in blow-room tunnels and shaft	.....
Careless use of fire.	Not insured.	By telephone at 1-1 p.m.	By inmates	From well ...	A jowli hut (used as dwelling) and contents damaged by fire and water	200 0 0
Light thrown down.	Contents unknown; bdg. insured.	By telephone at 8-59 a.m.	By firemen with hand-pumps and buckets.	From main at 9-5 a.m.	A building of three floors (used as dwelling), upper floor and contents damaged by fire and part of roof off	100 0 0
Unknown	Contents and bdg. insured.	By telephone at 12-40 a.m	By firemen with six steamers, and mill employés with private appliances.	From main at 12-50a.m. and mill tank.	A building of 1, 2 and 3 floors, about 400 × 200 feet (used as office, carding and spinning rooms), and contents nearly burned out and roof off, and a building of 3 floors about 400×50 feet (used as godown and reeling rooms), side front damaged by fire and heat, and contents slightly by fire, heat, smoke and water. Engine room, rope alley and contents slightly by fire and breakage, all adjoining and communicating.....	5,00,000 0 0
Do.	Not insured.	By police at 12-20 a.m.	By firemen with one hydrant.	From main at 12-35 a.m.	A tiled shed about 20 × 30 feet (used as godown) and contents slightly damaged by fire and part of roof off	25 0 0
Careless use of kerosine lamp	Contents and bdg. not insured.	Reported by police at 8 a.m.	By inmates	From well ...	Contents in shop on ground floor slightly damaged by fire.	2 0 0
Light thrown down.	Do. ...	By telephone at 8-25 p.m.	By firemen with hand-pumps and buckets.	From service pipe.	Contents in godown on ground floor slightly damaged by fire and breakage...	4 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
47	7th Oct.	8-55 p.m.	Girgaum Road	Luxumon Vithoba ...	General Dealer.....	Jagmohundass Kasidass.
48	12th „	7-15 „	No. 123, Esplanade Rd.	Halbert DeRoza	Hair Cutting Saloon	Jijibhoy Dadabhoy ...
49	17th „	3-34 a.m.	Reay Road. Mazagon (Mazagon Mill).	D. M. Petit, Sons & Co., Agents.	Cotton Spinners ...	D. M. Petit, Sons & Co.
50	20th „	12-18 „	DeLima Street (Bhandarwada).	Narudin Walad Kamrudin.	Private	Nicholas Pascol .....
51	22nd „	3-15 „	Nos. 164 and 166, Naoroji Hill Road.	Jaithi (woman) and others.	Do.	Abdul Musjid Wali Mahomed.
			No. 162, do. ...	.....	.....	Joseph Samuel.....
52	25th „	8-55 p.m.	Arthur Rd. (Tardeo)	Khandi Dugroo and others.	Milkmen.....	Ludha Ebrahim.....
53	26th „	12-40 „	No. 186, Lohar Chal St.	Abdulali Mir Saheb Shafurali.	General Merchants.	Abdulali Mir Saheb Shafurali.
54	27th „	12-10 „	No. 3, Khadak Street (Dongri).	Rahimtola Dhanji ...	Private	Rahimtola Dhanji ...
55	„ „	3-48 „	No. 370, Kalbadevi Rd.	Sarabhai Manurdass...	Do. ...	Nanabhai Harridass...

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of kerosine lamp.	Contents not insured; bdg. insured.	By telephone at 9 p.m.	By inmates	Stored on premises.	Shop and contents slightly damaged by fire and water	10 0 0
Doubtful.....	Contents insured; bdg. unknown.	By telephone at 7-30 p.m.	By firemen with one hydrant.	From main at 8-2 p.m.	A quantity of shavings burned, and a number of packing cases damaged by fire in shop, rest of contents in ditto by heat, smoke and breakage	150 0 0
Unknown	Unknown.	By telephone at 3-35 a.m.	By firemen and mill employés with private appliances.	From mill tank.	A quantity of waste cotton damaged by fire in a corrugated shed.....	40 0 0
Light thrown down.	Not insured.	By telephone at 12-15 a.m	By inmates	Stored on premises.	A jowli hut damaged by fire	1 0 0
Careless use of kerosine lamp.	Bdg. and contents not insured.	By police at 3-26 a.m.	By firemen with 2 steamers.	From main at 3-34 a.m.	A building of four floors, two upper floors and contents nearly burned out, and roof off, contents under damaged by water and removal	800 0 0
Do. ...	Bdg. unknown: contents not insured.	Do. ...	Do. ...	Do. ...	A building of four floors, side front slightly damaged by fire and heat ...	30 0 0
					Total loss Rs. 830.	
Do. ...	Not insured.	By telephone at 9-1 p.m.	By inmates	From pond...	A cadjan shed (used as a stable) severely damaged by fire and six buffaloes severely burned	220 0 0
Unknown ...	Bdg. and contents insured.	By telephone at 12-15 p.m.	Do.	From adjoining premises.	Some rubbish burned under staircase on ground floor	*Nil.*
Letting off fireworks.	Contents not insured; building insured.	By telephone at 12-15 p.m.	Do.	Stored on premises.	Side front verandah on fourth floor, and contents damaged by fire and breakage	50 0 0
Do. ...	Contents and bdg. not insured.	By stranger at 3-50 p.m.	Do.	Do. ...	Verandah on fourth floor, and contents slightly damaged by fire	5 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
56	28th Oct.	11-55a.m	Victoria Bunder (Middle Colaba).	Sambhaji Raoji and others.	Private	The Bombay Municipality.
			Do. ...	The Colaba Land and Mill Company.		
57	,, ,,	1-15 p.m.	Babula Tank Road.	Rama Kushaba	Blacksmith	Soulaman Moula Abdul Rahim.
58	1st Nov...	11-10 a.m.	Coombhar wada (Dadar).	Babajee Yesso and others.	Private	Narsoo Juggonath ...
59	3rd ,,	9-35 ,,	Parsi Bazaar Street	The "Times of India"	Press	
60	4th ,,	8-55 ,,	Naigaum Road	Hurjee Trikum	Chatti-maker.....	Hurjee Trikum.....
61	5th ,,	4-55 p.m.	Currey Road.....	Kashi Baloo	Private	Aspandier Kekhasro...
62	7th ,,	1-45 a.m.	Bhuleshwar Road...	Lanidass Manickdass..	Do.	Mahadeodass Premjee
63	,, ,,	1-20 p.m.	Cotton Green (Colaba).	Tricum Jeewandass...	Cotton Merchant ...	The Port Trust.....
64	9th ,,	6-24 ,,	Bhajipala Street ...	Narayan Janijee	Private	Pootlajee Atmaram...

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of fire whilst cooking.	Not insured.	By Police at 12-1 p.m.	By firemen with one steamer and one hydrant.	From main at 12-10 p.m.	Several ranges of cadjan sheds and contents nearly burned out	1,050 0 0
Do.	Contents and building insured.	Do.	Do.	Do.	A ground floor building about 90×30 ft. (used as cotton godown), front of building damaged by fire and heat, and contents slightly by fire and water	900 0 0
					Total loss Rs. 1,950.	
Spark from forge.	Not insured.	By firemen at 1-15 p.m.	By inmates	Stored on premises.	A jowli hut and contents burned out ...	25 0 0
Careless use of fire whilst cooking.	Do.	By stranger at 11-48 a.m.	By firemen with 1 hydrant.	From main at 12-10 p.m.	Three jowli huts and contents nearly burned out and seven cocoanut trees damaged by fire	500 0 0
Overheat of furnace chimney.	Building and contents insured.	Reported by telephone at 9-37 a.m.	By inmates	Stored on premises.	Roof of building slightly damaged by fire	5 0 0
Spark from fire...	Not insured.	By Police at 9-1 a.m.	By firemen with 1 hydrant.	From main at 9-10 a.m.	A jowli hut and a number of bamboos damaged by fire ...	5 0 0
Careless use of fire whilst cooking.	Building insured; contents unknown.	By owner at 5-1 p.m.	Do.	From main at 5-10 p.m.	Roof of chawl damaged by fire and breakage	200 0 0
Careless use of kerosine lamp.	Not insured.	Reported by police at 1-17 a.m.	By inmates	Stored on premises.	A wooden partition damaged by fire on third floor	5 0 0
Light thrown down.	Insured ...	By stranger at 1-23 p.m.	Do.	Do. ...	Two bales of loose cotton damaged by fire on open ground	8 0 0
Careless use of kerosine lamp.	Not insured.	By telephone at 6-26 p.m.	Do.	Do. ...	Some wearing apparels slightly damaged by fire on second floor	1 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
65	1897. 9th Nov.	7-22 p.m.	Shaik Memon Street, "Lukmidass Khimji Cloth Market."	Kissundass Hirjee ...	Cloth Merchant ...	Tribowandass Jagjiwandass.
				.....	.....	Do. ...
				E. D. Sassoon & Co...	Cloth Merchant ...	Do. ...
				Fulchand Jaidal	Do. ...	Do. ...
				Chutterbuj Jairam ...	Do. ...	Do. ...
66	13th „	7-50 „	Cotton Greens (Colaba.)	Tricumdass Jeewandass & Co.	Cotton Merchants..	The Port Trust.....
67	21st „	2-10 „	Chandanwadi	Dhondi Hurry and others.	Milkman	The Trustees of Dadybhai Maneck'ji and Sons.
68	„ „	10-55 „	Kalbadevi Road ...	Ramsing Sudasing ...	Confectioner	Munchidass Balgovindass.
69	22nd „	7-28 „	Thomas Street (Colaba).	Oomursee Damudhar and others.	Cotton Merchants...	New Apollo Press Company.
70	23rd „	7-10 „	Cotton Green (Colaba.	Govindram Hurdeo and others.	Do. ...	The Government of Bombay.
71	„ „	9-30 „	Dady Sett Agiari Lane (Khetwady.)	Burjorji Dinshaw ...	Private	Borjorji Dinshaw.....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Oil lamp left burning in closed shop.	Contents not insured; building insured.	By telephone at 7-25 p.m.	By firemen with 1 steamer and 2 hydrants.	From main at 7-33 p.m.	A large quantity of stock severely damaged by fire in loft over shop; contents under damaged by water and removal	2,500 0 0
.....	...	...	.....	.....	About 60×8 feet of wood ceiling and roofing severely damaged by fire and breakage	10,000 0 0
.....	Contents insured.	...	.....	.....	A quantity of stock in loft over shop severely damaged by fire, contents under by water.....	1,000 0 0
.....	Contents not insured.	...	.....	.....	Stock in shop damaged by water and removal	400 0 0
.....	Unknown..	...	.....	.....	Do. ... Total loss Rs. 14,400.	600 0 0
Unknown	Insured ..	By Police at 7-54 p.m.	By firemen with 2 steamers and private appliances	From main at 8-5 p.m.	About 600 bales of unpressed cotton, severely damaged by fire and water on open ground ...	9,250 0 0
Light thrown down.	Building insured; contents not insured.	By telephone at 2-15 p.m.	By firemen with 2 steamers.	From main at 2-25 p.m.	A tiled roofed building about 100×30 feet (used as dwelling and stable) severely damaged by fire and roof off. 6 Buffaloes and 4 calves burned to death ...	8,000 0 0
Sugar boiling over.	Building and contents not insured.	Reported by Police at 11-1 p.m.	By inmates	Stored on premises.	A small quantity of sugar and ghee destroyed on ground floor	5 0 0
Unknown	Building and contents insured.	By stranger at 7-30 p.m.	By employés.....	From well ...	Two bales of pressed cotton very slightly damaged by fire and water on ground floor.....	2 0 0
Do. ...	Insured ..	By Police at 7-15 p.m.	By firemen with 2 Brigade steamers and private appliances.	From main at 7-20 p.m.	Abont 500 bales of unpressed cotton damaged by fire and water on open ground	16,000 0 0
Light thrown down.	Not insured.	Reported by Police at 11-1 p.m.	By inmates	From well...	A jowli hut and contents burned out ...	25 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
72	24th Nov.	3-37 p.m.	Sussex Rd.(Chinchpokli.)	Ameer Fakeer	Private	Haji Esmail Haji Jamal.
73	27th „	1-5 a.m.	New Purbhadevi Road.	Tulsidass Morarji.....	Do.	Tulsidass Morarji.....
74	„ „	12-35 p.m.	Khandia Cross Lane (Grant Road).	Marianbai	Cotton Cleaner.....	Manikchund Kapurchund.
75	29th „	9-45 „	Chinch Bunder Rd.	Juggernath Rajhew...	Grass Dealer.....	Hussunbhai Memon...
76	2nd Dec.	2-30 a.m.	Kawari (Matoonga)	Hurry Raghovji	Potter.....	Hurry Raghovji .....
77	7th „	1-5 p.m.	Frere Bunder (Goorapdeo Road).....	Krustnaji Gopall and others.	Blacksmiths	Kurrimji Alibhoy.....
78	8th „	10-10 a.m.	Dharavi Road	Daji Ali	Milkman	Daji Ali .....
79	14th „	12-58 „	2nd Duncan Cross Lane.	Moosa Ebrahimji	Timber Merchant..	Esmail Haji Esack ...
80	17th „	5-2 „	Ropewalk Lane (Esplanade).	Mrs. Grift	Private	Haji Ali .....
81	„ „	8-22 p.m.	Mazagon "Harbour Defences."		The Government of Bombay	
82	20th „	7-1 a.m.	Koliwada (Worli)...	Mankoo Koli and others.	Fishermen	Mankoo Koli and others.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Light thrown down.	Not insured.	By Police at 3-39 p.m.	By firemen with 1 hydrant.	From main at 3-45 p.m.	Two jowli huts and contents severely damaged by fire ...	60 0 0
Careless use of fire.	Do. ...	By Police at 1-15 a.m.	By inmates and firemen with buckets.	Stored on premises.	A jowli hut (used as a stable and dwellings) and contents nearly burned out, and a horse injured by burns.....	50 0 0
Light thrown down.	Buildg. unknown; contents not insured.	By telephone at 12-36 p.m.	By inmates	Do. ...	A small quantity of loose cotton damaged by fire on ground floor	20 0 0
Do. ...	Not insured.	By Police at 9-50 p.m.	By firemen with 1 hydrant.	From main at 9-57 p.m.	A jowli hut and contents severely damaged by fire	10 0 0
Spark from fire...	Do. ...	Reported by Police at 3-23 a.m.	By inmates	From well ...	A jowli hut (used as dwelling) burned out, and two goats burned to death ...	30 0 0
Spark from forge.	Do. ...	By telephone at 1-10 p.m.	By firemen with 1 Brigade steamer.	From main at 1-20 p.m.	A number of jowli huts (used as forge and dwellings) and contents nearly burned out.....	1,000 0 0
Unknown	Do. ...	By Police at 10-20 a.m.	By inmates	From well...	A jowli hut nearly burned out.....	5 0 0
Light thrown down.	Do. ...	By telephone at 12-55 a.m.	Do.	Stored on premises.	A quantity of old timber damaged by fire on open ground.	2 0 0
Careless use of kerosine lamp.	Building insured; contents not insured.	By telephone at 5-5 a.m.	By firemen with buckets.	Do. ...	A cotton mattress damaged by fire on first floor	18 0 0
Careless use of fire.	Not insured.	By telephone at 3-25 p.m.	By inmates with buckets.	From sea ...	Roof of jowli hut (used as dwelling) damaged by fire ...	25 0 0
Careless use of oil lamp.	Do. ...	By telephone at 7-20 a.m.	By firemen with 2 Brigade steamers and one manual.	From main at 7-45 a.m. and well.	A number of tiled and thatched buildings used as dwellings (comprising the greater portion of Worli Village) and contents burned out, and a number of others damaged by fire and breakage	50,000 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1897.					
83	20th Dec.	10-15 a.m.	No. 22, Bhajipala Street.	Hussunbhoy Mahomed Ali.	Private	Javirbai (woman) ...
84	„ „	1-10 p.m.	Old Hanuman Lane	Damodhar Jaitha and others.	Do.	Gopall Dayal .....
85	27th „	6-30 „	Dharavi Road (Mahim).	Kudia Budha and others.	Brick Makers	Nursee Naga.....
86	28th „	8-1 a.m.	Parel Tank Road.	Mahadoo Ramji	Private	Raghoo Moreshwar...
87	„ „	3-10 p.m.	Dadar Road	Rama Subhan	Dyer	Rama Subhan .....
88	30th „	6-15 „	Parel Road	Cart	on public road.	Jusub Easa .....
89	„ „	8-1 „	Koliwada (Worli).	Govind Jetha and others.	Fishermen.....	Govind Jetha and others.
	1898					
90	1st Jan.	7-25 a.m.	No. 872, Girgaum Road.	Muncherji Jagosh ...	Vartman Printing Press.	Balkrishna Ramchandra Jayaker.
			No. 874, Girgaum Road.	Harver & Sons	General Merchants.	Do. .....
			No. 870, Girgaum Road.	Rustomjee Dadabhoy.	Cabinet Maker.....	Do. .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless use of fire.	Building insured; contents not insured.	By telephone at 10-20 a.m.	By inmates	Stored on premises.	Cook-room and contents, on 3rd floor, damaged by fire and breakage	500 0 0
Careless use of oil lamp.	Building and part of contents insured.	By telephone at 1-15 p.m.	By firemen with 2 Brigade steamers and 1 hydrant and private manual.	From main at 1-22 p.m.	A building of three floors, upper floor and contents severely damaged by fire, and part of roof off, contents under by water and removal	11,000 0 0
Careless use of kerosine lamp.	Not insured.	Reported by Police at 4 a.m. on 28th Dec. 1897.	By neighbours.....	From well ...	Two jowli huts nearly burned out.....	5 0 0
Careless use of fire.	Do. ...	Reported by Police at 8-15 a.m.	.....	None used ...	A jowli hut and contents burned out ...	40 0 0
Light thrown down.	Do. ...	By telephone at 3-25 p.m.	By inmates	From well ...	A jowli hut and contents nearly burned out	25 0 0
Cart-load of hay colliding with lighted Street lamp.	Do. ...	By firemen at 6-20 p.m.	By firemen with 1 hydrant.	From main at 6-28 p.m.	A quantity of hay and a cart damaged by fire, and a street lamp damaged by collision	90 0 0
Rat extracting wick from oil lamp.	Do. ...	By telephone at 8-10 p.m.	By firemen with 2 hydrants,	From main at 8-30 p.m.	17 jowli huts and contents burned out, and several others damaged by fire and breakage	5,700 0 0
Unknown	Contents and building not insured.	By telephone at 7-30 a.m.	By firemen with 3 steamers and 1 hydrant.	From main at 7-40 a.m	A building of three floors (used as Printing Press) and contents severely damaged by fire, and part of roof off	30,000 0 0
.....	Contents insured.	...	.....	.....	Third floor and contents damaged by fire and water, and part of roof off, contents of floor under by water and removal	4,000 0 0
.....	Not insured.	...	.....	.....	Side front slightly damaged by fire and contents by removal	50 0 0
					Total loss Rs. 34,050.	

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
91	3rd Jan.	6-20 p.m.	Oak Lane, Fort ..	D. Macropolo	Tobacconist and General Merchant	K. B. Kama.....
			Do. 1st floor.	Do.	Do. ...	Do. .....
			Do. do. ...	Magunlal and Rustomji.	Solicitors	Do. .....
			Do. (ground floor).	D. B. Dinshaw.....	Picture Dealer	Do. .....
92	5th „	1-50 a.m.	Dharavie Road (Mahim).	Poonah Nursey	Potter.....	Poonah Nursey.....
93	„ „	8-15 p.m.	DeLisle Road, Parel	Currimbhoy (Currimbhoy	Mills Company. Ebrahim & Co. Agents.)	
94	6th „	8-55 „	Sion Road.....	Cart on	Public road...	Surput Bowani.....
95	8th „	5-45 „	Waree Bunder	Segregation	Camp (Plague	Committee) .....
96	9th „	10-10 a.m.	Chowpatti Road ...	H. E. the Governor's	Body Guard	The Government of Bombay.
97	10th „	10-55 „	No. 81, Nagdevi Cross Lane.	Lackmidas Telchand..	General Merchant	Jaffur Talub.....
98	11th	2-15 p.m.	No. 82, Grant Road	Mahomed Saheb	Baker	Hajee Essa Mullah ...

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Contents and building insured.	By telephone at 6-25 p.m.	By firemen with 3 steamers.	From main at 6-33 p.m.	A building of three floors, upper floor (used as workshop and store) and contents nearly burned out, and roof off ...	.....
.....	Do. ...	.....	.....	.....	Contents damaged by fire, water and removal	48,000 0 0
.....	Do. ...	.....	.....	.....	Contents damaged by water	800 0 0
.....	Do. ..	.....	.....	.....	Contents of shop damaged by water and removal ..... Total loss Rs. 49,500.	700 0 0
Unknown	Not insured.	By Police at 1-55 a.m.	By neighbours	From well ...	A jowli hut (used as dwelling) and contents damaged by fire	25 0 0
Friction of machinery.	Contents and building insured.	1st call by Police at 3-20 p.m.; 2nd call by telephone from Mill at 4-45 p.m.	By Mill employés with private appliances and firemen with one hydrant.	From Mill tank at 3-15 p.m. and main at 5-15 p.m.	A quantity of cotton dust burned in blow-room tunnels, and roof of blow-room shaft slightly damaged by fire; and a quantity of loose cotton damaged by water in blow and mixing rooms	2,000 0 0
Light thrown down.	Not insured.	By firemen at 9-1 p.m.	By firemen with 1 hydrant.	From main at 9-5 p.m.	A quantity of hay burned and a cart damaged by fire ...	15 0 0
Careless smoking.	Do.	By inmates at 5-46 p.m.	By inmates	Stored on premises.	A bed cot damaged by fire in jowli hut ...	2 0 0
Careless use of fire.	Do.	By telephone at 10-12 a.m.	By military and firemen with buckets.	Do. ...	A jowli hut and contents damaged by fire	70 0 0
Dammer boiling over.	Building insured; contents not insured.	By telephone at 10-58 a.m.	By inmates	Do. ...	Some dammer burned, and a packing case damaged by fire on ground floor	1 0 0
Overheat of oven.	Building and contents not insured.	By stranger at 2-20 p.m.	By firemen with 1 hydrant.	From main at 2-25 p.m.	Ground floor (used as bakery), and contents damaged by fire, water and removal	200 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
99	1898. 12th Jan.	7-25 p.m.	Modykhana (Frere Road).	Segrega	tion Camp (Plague	Committee).
100	13th „	1-48 a.m.	Gilder Street	Ramji Anandji.....	Cotton Cleaner.....	Shapurji Hormusji ...
101	„ „	9-15 „	Jail Road	Kassi (woman).....	Private	Taybhoy Bodabhoy...
102	15th „	12-40 „	Parel Road	Gunaji Luxoomon ...	Grain Dealer.....	Ahmed Moosa .....
103	16th „	1-30 p.m.	Albert Road (Sassoon Mill).	.....	.....	.....
104	17th „	11-40 a.m.	Lady Jamsetji Rd.	Baloo Daji.....	Private	Kalyanji Soojie .....
105	22nd „	3-14 „	Cowasji Patel St. (Fort).	Krustna Gopall	Do.	Rewoobai (woman)...
106	26th „	9-30 „	Bellasis Road (Byculla).	The	Government Medi	cal Stores.
107	30th „	10-2 „	Armenian Lane (Fort.)	Mr. Robinson	Private	Jehangirji Jamsetji...
108	31st „	11-1 „	Mahim Bazar Rd...	Khudabux	Weaver	Simosi Antone .....
109	7th Feb.	1-2 „	Bellasis Road	Isaac Esaac and others.	Private	Haji Sali Mahomed Haji Tar Mahomed.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Careless smoking.	Not insured.	By telephone at 7-46 p.m.	By firemen with 2 hydrants.	From main at 7-28 p.m. by firemen on duty at Camp.	Two jowli sheds burned out, and mat enclosure slightly damaged by breakage	500 0 0
Do. ...	Bdg. insured; contents not insured.	By telephone at 1-55 a.m.	Do.	From main at 2-5 a.m.	A ground floor building about 60×20 ft. (used as godown), and contents severely damaged by fire, and part of roof off.	3,200 0 0
Do. ...	Bdg. and contents not insured.	By stranger at 9-18 a.m.	By inmates	Stored on premises.	Attic on second floor, and contents damaged by fire, and part of roof off	20 0 0
Unknown	Not insured.	By Police at 12-42 a.m.	By firemen with 1 hydrant.	From main at 12-50 a.m.	A jowli hut and contents damaged by fire	15 0 0
.....	...	By Police at 1-36 p.m.	.....	.....	Firemen refused admittance.....	.....
Unknown	Not insured.	By Police at 11-52 a.m.	By firemen with 1 hydrant.	From main at 12 p.m.	A jowli hut and contents nearly burned out	200 0 0
Careless use of fire-place.	Bdg. and contents not insured.	By stranger at 3-15 a.m.	By firemen with 2 hydrants.	From main at 3-21 a.m.	A building of three floors, upper floor and contents severely damaged by fire and water, and part of roof off	400 0 0
Bursting of ether retort.	Do. ...	By stranger at 9-43 a.m.	By inmates	Stored on premises.	Laboratory on ground floor, and contents slightly damaged by fire and breakage...	100 0 0
Light thrown down.	Do. ...	By telephone at 10-3 a.m.	By firemen with 1 hydrant.	From main at 10-8 a.m.	A quantity of hay damaged by fire, in stable	4 0 0
Unknown	Not insured.	By Police at 11-5 a.m.	Do.	From main at 11-15 a.m.	A jowli shed (used as workshop and dwelling) and contents severely damaged by fire	300 0 0
Careless use of kerosine oil lamp.	Bdg. insured; contents not insured.	By telephone at 1-4 a.m.	By firemen with 3 Brigade steamers.	From main at 1-11 a.m.	Two buildings each of two floors about 60×20 ft. (used as shops and dwellings) adjoining and communicating upper floors and contents nearly burned out, and roof off, ground floor and contents severely damaged by fire and water	6,300 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
110	8th Feb.	5-15 p.m.	Dadar	Karoo Keshowji	Private	F. Wallis .....
111	15th „	2-43 a.m.	Tardeo Road.....	Jivraj Baloo.....	S. & W.	Company.
112	19th „	8-55 a.m.	Fergusson Road (Lakhimidass Khimji Mill)	Lakhimidass Khimji and Co.	Cotton Spinners ...	Lakhmidas Khimji and Co.
			Do. ...	Let out in tenements..	Private	Aga Ali Jahan .....
113	„ „	3-13 p.m.	Modikhana (Frere Road).	Gopal Ramdin	Do.	Memon Haji Esmail Mahomed.
			Plague	Hospitals.....	Bombay Plague Committee.	.....
			.....	Ganoo Janoo and others.	Grass Merchant ...	Ganoo Janoo & others.
114	20th „	12-1 a.m.	Falkland Road.....	Bombay	Tramway Company	
115	22nd „	9-40 p.m.	Dadar Road	The	Bombay Municipality.	
116	23rd „	2-30 „	Worlee Road.....	Wateram Annupram.	Grain Merchant ...	Wateram Annupram

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Unknown	Not insured.	By Police at 5-28 p.m.	By neighbours.....	From well ...	A hut and contents damaged by fire, and roof off	25 0 0
Do.	Contents and bdg. insured.	By telephone at 2-45 a.m.	By firemen with 3 Brigade steamers.	From main at 2-55 a.m.	A building of two floors, about 40×30 ft. (used as store), upper floor and contents severely damaged by fire, and part of roof off; lower floor and contents slightly damaged by fire and water	25,000 0 0
Do.	Building and contents insured.	By telephone at 4-3 a.m.	By firemen with 3 brigade steamers, and Mill employés with private appliances.	From main and tank at 4-35 a.m.	A ground floor Building about 120×50 feet (used as cotton godown) and contents severely damaged by fire, and roof off	1,60,000 0 0
.....	Building insured; contents unknown.	...	.....	.....	Roof and window frames of shawl adjoining damaged by fire ..... Total loss Rs. 1,60,050.	50 0 0
Careless use of fire whilst cooking.	Not insured.	By telephone at 3-15 p.m.	By firemen with six brigade steamers.	From main at 3-35 p.m.	A wooden hut and contents burnt out.	150 0 0
.....	Do.	...	.....	.....	Several jowli roofed huts (used as hospitals) and two tents with contents burned out.....	8,000 0 0
.....	Do.	...	.....	.....	A large quantity of dry grass severely damaged by fire and water on open ground ..... Total loss Rs. 11,150.	3,000 0 0
Careless use of fire.	Do.	Reported by Police at 9-5 p.m. on 21-2-98	By inmates	Stored on premises.	A jowli hut and contents, slightly damaged by fire	1 0 0
Kerosine oil lamp exploding.	Do. ...	By telephone at 9-45 p.m.	By firemen with 1 hydrant.	From main at 9-50 p.m.	Fifty jowli huts (used as dwellings) burned out, and contents severely damaged by fire.	1,000 0 0
Unknown	Do. ...	Reported by Police at 4-30 p.m.	By inmates	Stored on premises.	A jowli hut (used as stable), and contents burned out....	5 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898.					
117	26th Feb.	12-50 p.m	Reay Road, Mazagon (Mazagon Mill).	D. M. Petit & Sons...	Cotton Spinners ...	D. M. Petit Sons & Co.
118	3rd Mar.	6-40 „	Do.	Do.	Do.	Do.
119	5th „	1-1 „	Matoonga	Keshev Kushaba	Private	Keshev Kushaba .....
120	6th „	1-40 a.m.	No. 64, Lohar Chal Street.	Ali Mahomed	Boarding House ...	Ayabai (woman) .....
121	„ „	10-30 p.m.	Carnac Road (Segregation Camp).	Bombay Plague		Committee.
122	9th „	8-38 „	Worli Pakadi Road	Krustnaji Jivanji.....	Milkman	Moroba Bhiwaji .....
123	„ „	12-30 „	Bapty Road	Bombay Plague		Committee.
124	„ „	12-48 „	Mustan Cross Lane, (Bellasis Road).		Do.	
125	„ „	12-59 „	Grant Road		Do.	
126	„ „	1-25 „	Babula Tank Road.	The	Bombay Municipality.	
127	„ „	1-25 „	Do. ...	The Bombay Plague		Committee.

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Friction	Bdg. and contents insured.	By telephone at 12-55 p.m.	By Mill employés with private appliances.	Stored on premises.	Blow-room and contents severely damaged by fire and water	1,400 0 0
Overheat of machine bearings.	Do.	By telephone at 6-43 p.m.	By firemen with 6 Brigade steamers, and Mill employés with private appliances.	From main and tank at 6-59 p.m.	A building of 2 floors, about 300 × 50ft. (used as carding and spinning departments) and contents nearly burnt out and roof off. Engine-room and rope alley adjoining slightly damaged by fire, water and breakage	10,00,000 0 0
Light thrown down.	Not insured.	Reported by police at 5-40 p.m.	By neighbours.....	From well...	A quantity of dry grass burned on open ground.....	5 0 0
Careless use of fire.	Bdg. and contents not insured.	By telephone at 1-15 a.m.	By firemen with two hydrants.	From main at 1-56 a.m.	A building of 2 floors, upper floor and contents severely damaged by fire and roof off, ground floor by fire and breakage	500 0 0
Careless use of Kerosine oil lamp.	Not insured.	By fireman on camp duty at 10-32p.m.	By firemen with buckets.	Stored on premises.	A jowli shed slightly damaged by fire and breakage	2 0 0
Kerosine oil lamp exploding.	Do. ...	By telephone at 8-40 p.m.	By neighbours.....	Do. ...	A jowli hut (used as dwelling) and contents nearly burned out.....	10 0 0
Incendiarism.....	Do. ...	None received.	By inmates	Do. ...	A jowli hut (used as Hospital) and contents severely damaged by fire	300 0 0
Do. ...	Do. ...	By telephone at 12-50 p.m.	.....	None used...	A jowli hut and contents burned out ...	50 0 0
Do. ...	Do. ...	By telephone at 1-5 p.m.	By firemen with 1 hydrant.	From main at 1-40 p.m.	A jowli hut and contents severely damaged by fire	250 0 0
Do. ...	Do. ...	By fireman on duty at 1-26 p.m.	By firemen with buckets.	From main at 1-30 p.m.	Wood framing and a quantity of old timber damaged by fire in compound	80 0 0
Do. ...	Do. ...	Do. ...	Do. ...	Do. ...	A hand-cart damaged by fire on road	20 0 0

No.	Date.	Time.	Place.	Occupier.	Business.	Landlord.
	1898					
128	9th Mar.	1-30 p.m.	Jail Road	The Bombay Plague Committee, and the Bombay Municipality.		
129	„ „	1-30 „	Do.	H. M. Common Jail.		
130	11th „	1-35 „	Elphinstone Bridge Road (Mahaluxmi Mill).	Morarji Gokuldass & Co.	Cotton Spinners ...	Morarji Goculdass & Co.
131	13th „	11-45 „	No. 96, New Hanuman Lane.	Emunabai (woman)...	Grocer	Permanundass Jeevandass.
132	18th „	7-45 „	Haines Road.....	Rajaram	Private	Ratnoo Deojee ....
133	21st „	9-1 a.m.	Forns Road	Monabai (woman).....	Do.	Isafa Kalifa .....
134	„ „	5-45 p.m.	Mugbhat Cross Lane (Girgaum).	Mahadoo Parashuram.	Stables	Unknown .....
			Do. ...	Unoccupied.		Do. .....
135	25th „	8-1 a.m.	Sewree(China Mill)	P. A. Hormusji & Co.	Cotton Spinners ...	P. A. Hormusji & Co.
136	29th „	11-10 „	Duncan Road	Sultan Mihdi.....	Private	Abdul Hussin .....

Cause.	Insurance.	Call.	Extinguished.	Water.	Damage and Estimated Loss.	Rs. a. p.
Incendiarism.....	Not insured.	None received.	.....	None used ...	A jowli hut and contents burned out. Loss unknown	.....
Do.	Do. ...	Do. ...	.....	Do. ...	A large bamboo matting screen burned in front of jail	200 0 0
Friction of machinery.	Bdg. and contents insured.	By telephone at 1-40 p.m.	By firemen with one Brigade hydrant, and employés with private appliances.	From main at 1-50 p.m., and Mill hydrant.	Roof of blow-room chimney damaged by fire, and a small quantity of cotton by water on first floor	200 0 0
Careless use of Kerosine oil lamp.	Contents not insured; bdg. unknown.	By telephone at 11-50 p.m.	By inmates	Stored on premises.	A small quantity of stock damaged by fire, and water on ground floor	5 0 0
Kerosine oil lamp upset.	Not insured.	By fireman on duty at 7-50 p.m.	Burnt out	None used ...	A jowli hut destroyed by fire.....	2 0 0
Careless use of fire.	Do. ...	By fireman on duty at 2-2 a.m.	By firemen on duty with buckets.	Stored on premises.	A jowli hut and contents slightly damaged by fire	2 0 0
Careless smoking.	Bdg. insured; contents unknown.	By telephone at 5-50 p.m.	By firemen with one steamer and three hydrants.	From main at 5-59 p.m.	A building of 2 floors (used as stable and dwelling) and contents nearly burned out, and roof off ...	1,500 0 0
.....	Not insured.	...	.....	.....	A ground floor building about 70 × 35 feet, nearly burned out, and roof off ...	2,000 0 0
					Total Rs. 3,500.....	
Friction of machinery.	Bdg. and contents insured.	Reported by the Mill Manager on 29th Mar. 1898.	By employés with buckets.	From Mill tanks at 8-2 a.m.	Blow-room and contents slightly damaged by fire and water	1,000 0 0
Unknown	Unknown..	By telephone at 11-12 a.m.	By inmates	Stored on premises.	Contents of room on first floor, damaged by fire and a man named Sultan Mihdi aged about 35 years suffocated.	15 0 0

ROYAL LIBRARY OF THE BOMBAY BRANCH SOCIETY

L.—PUBLIC GARDENS.

The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazaar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) Garden on the Flats.
(*i*) Municipal Office Garden.
(*j*) Sir Cowasji Jehangir Garden at Mahim.

2. The effect of the plague on the number of visitors to the Victoria Gardens was even more marked in the year under report than in the previous year, the total number during the year being 762,811 against 1,071,929 in the previous year, showing a further decrease of over 3 lakhs.

3. The metalling of roads was continued, and all the roads were repaired and maintained in thorough order during the year under report.

4. The work of laying water pipes was kept in abeyance in compliance with the Municipal Commissioner's circular to keep down the expenditure as much as possible to meet the heavy demands for plague expenses.

5. The work of constructing small drains to carry rain water across roads was continued, and the storm water drain in the lately added portion of the Victoria Gardens, which was sanctioned in the previous year, was constructed during the year under report by the Drainage Department. It now remains to connect the drains of the old area with this drain to somewhat prevent the continuous flooding of the Gardens during the rainy season.

6. The old and entirely dilapidated office shed was pulled down, and the new building for the office, which was sanctioned in the previous year, was completed in the year under report.

7. The Clock Tower of the Victoria Gardens was struck by lightning during a thunderstorm in the beginning of the monsoons. It fortunately escaped with comparatively slight damage. The dial glasses of the clock were smashed, the clock somewhat damaged, and a part of the stone masonry and some windows broken. The necessary repairs were executed by the Executive Engineer's Department, the machine work of the

clock being repaired and thoroughly cleaned and new dial glasses fixed. To prevent the recurrence of a similar accident in future, a lightning-conductor has been fixed to the tower.

8. The Refreshment-room in the Victoria Gardens was unoccupied during the greater part of the year under report, partly on account of the plague, and partly on account of the high rent of the room. A report on the subject, proposing a reduction in the rent, has been separately submitted to the Municipal Commissioner.

9. The improvement of the lawn by levelling, weeding, and turfing was continued throughout the year, some of the lawns being entirely dug up, raised, and newly turfed with hariali grass.

10. The digging, manuring, and renewing of shrubberies was also continued during the year under report, a large number of old worn-out plants being replaced with fresh ones and new varieties of shrubs and trees planted in suitable positions. The carpet bed bordering the lawn in front of the Clock Tower was relaid out with a new pattern.

11. The site of the old nursery being required for the construction of quarters for the mallees, the nursery was transferred to the vacant ground in the north-east corner of the Gardens near the old mallees' chawl, where also several stock fruit trees have been planted out.

12. Five hundred and eighteen plants were supplied during the year under report for roadside planting and to other departments of the Municipality.

13. An attempt was made during the year under report to add to the collection of plants in the Gardens, which is a very poor one. Sanction was obtained for the purchase of plants from Calcutta of the value of about Rs. 1,000 from the grant for the purchase of seeds and plants. A list of plants already in the garden collection and another list of plants required were sent to the Secretary of the Agri-Horticultural Society of India, Calcutta, with a request to make a selection of the best plants that could be available within the sanctioned grant. The collection of plants sent, though on the whole a good one, would have been far more satisfactory if the Superintendent had been allowed to visit Calcutta and select the plants personally from the different nurseries. Some new plants were also obtained from Bangalore. A list of all the plants added to the collection during the year under report is given in Appendix **A** attached to this report.

14. Plague cases again occurred in the mallees' quarters in the Victoria Gardens in January 1898. The quarters were entirely vacated and thoroughly disinfected. As they are however very old and in a very insanitary condition, temporary sheds were erected for the mallees in another part of the Gardens, which will be occupied by them until the new quarters already sanctioned are constructed.

15. The work of the Gardens has still to be carried on under great difficulties, as suitable mallees are not available, and the work has to be carried on mostly with the aid of ordinary coolies who have had no training at all in any of the garden operations. In spite however of this difficulty and the retrenchments in the expenditure, the Gardens were maintained in a satisfactory condition.

16. All the other municipal gardens were kept up in their usual good condition, except the Northbrook and the Mahim Gardens, which were occupied throughout the year by plague hospitals and camps.

17. The Zoo was maintained in its usual condition, and slight improvements, especially in the matter of cages and enclosures, are continued to be carried on.

18. New quarters for the animal keepers, which were sanctioned in the previous year, were completed and occupied during the year under report, and two of the large wooden cages, which were almost entirely gone bad, were thoroughly repaired.

19. Amongst the animals added to the collection during the year by purchase were the following :—

1 King parrot.	2 Slow loris.
1 Arabian gazelle.	1 Pig-tailed monkey.
1 Rat kangaroo	1 Male ostrich.
1 Vulpine phalanger.	1 Pair brush-tailed rock wallaby.
2 Mouse deer.	

20. The following animals were presented to the collection during the year under report :—

1 Flying squirrel.	By the Bombay Natural History Society.
1 Bateleur eagle.	
1 Panther cub.	
1 Civet cat.	
2 Black partridges.	
1 Hunting leopard cub.	By Commander Baugh.
3 Chukor partridges.	By F. A. Owen, Esq.
2 Male nilgais.	By Col. F. H. Jackson.
1 Sambur deer.	By Hon. Mr. A. T. Shuttleworth.
1 Spotted deer.	
1 Four-horned deer.	By—McLeggan, Esq.
2 Giant tortoises.	By Dattubhai Jetha, Esq.
1 Arabian gazelle.	By Purshotum Shamji, Esq.
1 Spotted deer.	By C. Vears, Esq.
1 Arabian gazelle.	By—O'Callaghan, Esq.
1 Common goose.	By Dr. Bhalchandra.
1 Indian fox.	By Subedar Roshan Ali.
1 Arabian gazelle.	By—Klingelohfer, Esq.
1 Chukor partridge.	By H. H. Aga Khan.
1 Turtle.	By—Chevalier, Esq.
1 Leopard cub.	By Mrs. F. L. G. Simpson.
1 Leopard.	By the Thakor Saheb Jalamsingji of Ambaliara.

21. The casualties during the year were:—

Indian antelope,	Four-horned antelopes,
Hunting leopard (cub),	Mouse deer,
Persian gazelle,	Nilgai,
Hornbill,	Vulpine phalanger,
Wild sheep,	Hunting leopard,
Waller's gazelles,	Dog-faced baboon,
Arabian gazelles,	Black swan (missing),
Spotted deer,	

and some birds and smaller animals.

22. The budgetted and actual expenditure for the year of the several gardens is shown below, from which it will be seen that the expenditure was kept down to the lowest possible limit:—

	Names of Gardens.	Total amount sanctioned.			Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
(a)	Victoria Gardens	58,867	0	9	49,019	0	9
(b)	Elphinstone Circle Garden	2,260	0	0	1,601	2	10
(c)	Falkland Road Garden	520	0	0	418	1	5
(d)	Northbrook Garden	1,876	0	0	1,431	8	8
(e)	Sir Cowasjee Jehangeer Garden	748	0	0	505	4	11
(f)	Bazaar Gate Garden	792	0	0	663	7	6
(g)	Garden on the Flats	1,052	0	0	816	6	3
(h)	Dick's Tank Garden	430	0	0	303	7	7
(i)	Malabar Hill Garden	1,430	0	0	1,141	0	7
	Total... Rs.	67,975	0	9	55,898	8	6

APPENDIX A.

List of plants added to the Victoria Gardens collection during the year 1897-98.:—

Aberia caffra
Abroma augusta
Acacia boustoni
„ saligna
„ baileyana
Acalypha glabrata
Acanthus ilicifolius
Achania malvaviscus
Adiantums of sorts
Agapanthus umbellatus
Aglaonema commutatum
„ marantæfolium
„ versicolor
Allamanda schottii
„ williamsii
Alocasias of sorts
Alpinia allughas
„ vittata
Anona reticulata
„ squamosa
Anthuriums of sorts
Aralia charbrierii
„ digitata
Ardisia umbellata
Argyreia cuneata
Aristolochia bonplandii
„ glauca
„ leuconeura
„ picturata
Artocarpus lacucha
Arum sanctum
Aspidistra lurida
„ punctata
Atalantia monophylla

Bambusa scemonei
Barleria dichotoma
„ rosea
Begonias of sorts
Bignonia albo-lutea
„ diversifolia
„ incarnata
„ labrosa-picta
„ magnifica
„ picta
Billbergia melanthera
„ undulata
„ vittata
Boehmeria lancifolia
Browneа ariza
„ coccinea
„ erecta
Butter fruit

Caladiums of sorts
Camellia thea
Cananga odorata
Cannas of sorts
Canthium odoratum
Cardamoms
Carguata cardinalis
Casuarina quadrangularis
Cerbera fruiticosa
Cereus grandiflorus
Ceropegia gardneri
Cestrum hirsutum.
Chrysophyllum glabrum
Cinnamomum camphora
„ zeylanicum
Cissus amazonica
Citron tourney
Clematis flammula
„ integrifolia
Clerodendron aculeatum
„ kalbreyeri
Cocoloba platyclada
„ uvifera
Coffea arabica
„ bengalensis
Cola acuminata
Combretum comosum
„ macrophyllum
Congea azurea
Cooking pear
Crinums of sorts
Crotons of sorts
Cyclamen persicum
Soymida febrifuga
Cyrtodeira metallica
Cyrtomium falcatum

Dieffenbachias of sorts
Diospyros discolor
Diospyros kaki
Dracænas of sorts

Erythrina tomentosa
Eucalyptus citriodora
„ globulus
Eucharis pumila

Ficus benjaminia var comosa.
„ magnifolia
Filicium dicipiens
Flacourtia cartaphracta
Franciscea confertiflora
„ lindeniana

Galphimia nutans
Garcinia cowa
Gardenia florida fortunei
„ latifolia
Gardenia thunbergia

Gerbera jamesoni
Gesnera zebrina discolor
Goldfussia anisophylla

Hæmanthus kalbreyeri
Hardwickia binata
Hedera helix
Hedychium augustifolium
" coccineum
" spicatum
Heliconia aureo-striata
Hibiscus of sorts
Hoya pottsii

Ilex paraguensis
Ixora of sorts

Jacaranda filicifolia
" mimosifolia fl albo
Jatropha manihot
" podagrica
Justicia gendarussa
" ventricosa

Lafœnsia vandelliana
Lambertia formosa
Lastrea lepida
" richardsii multifida
Lemons of sorts
Limes of sorts
Liliums of sorts
Linum monogynum
Litchies of sorts
Loquat
Lucuma mammosa

Magnolia fuscata
" grandiflora
" mutabilis
" pterocarpa
" pumila
" sphenocarpa
Malpighia urens
Mangoes of sorts
Marantas of sorts
Memecylon tinctorium
Mesua ferrea
Morus, large, white (mulberry)

Napoleana imperialis
Nephrodium molle
Nephrolepis duffi
" tuberosa
Noronhia emarginata

Olea europea
Ophiopogan variegatus
" japonicus
Oranges of sorts
Orchids of sorts

Palms of sorts
Pancratium longifolium
Passiflora edulis (mammoth, purple)
" pfordtii
" quadrangularis
" serratifolia
" trifisciata
" vitifolia
Persea gratissima
Philodendron gigantium
" sagittifolium
Pinus longifolia
Pitcairnia Cromeliæfolia
" latifolia
Polygonum multiflorum
Pomeloes of sorts
Pothos gigantea
" violacea
Prunus bokhariensis
Pteris longifolia
" nidens

Quassia amara

Raspberry
Roses of 27 sorts
Roupellia grata
Ruellia ciliatiflora

Schinus molle
Sechium edule
Selaginellas of sorts
Smilax macrophylla
Solanum jasminoides
" marginatum
" robustum
" seafortheanum
" wendlandii
Solidago canadensis
Stachytarpheta mutabilis
Sterculia gutata
Stigmaphyllon aristatum
Strychnos nux vomica

Tecoma chrysantha
Thunbergia hawtayneana
Tillandsia acaulis
Tree ferns
Tree tomato

Urania speciosa
Uvaria adorata
Vitex himalayensis

Wistaria chinensis
Wrightia antidysenterica

Xylophylla augustifolia

Zephyranthes citrina
" robusta

A—THE VICTORIA AND ALBERT MUSEUM.

1. In the Natural History division the department of Mammals received no addition during the year.

2. To the department of Birds numerous specimens were added. Those deserving of special mention were as follows :—

Two skins of Mandarin ducks (*Æx galericulata*), two skins of Chinese pheasants (*Phasianus sp.*), one Demoiselle crane (*Anthropoides virgo*), two orioles (*Oriolus kundoo*), four Indian rollers (*Coracias indica*), two crow-pheasants (*Centropus sinensis*), one large stone plover (*Esacus recurvirostris*), two red-whiskered bulbuls (*Otocompsa fuscicaudata*), two blue rock-thrushes (*Petrophila cyanus*), one white-breasted kingfisher (*Halcyon smyrnensis*), three Indian pittas (*Pitta brachyura*), two common kingfishers (*Alcedo ispida*), and three Indian bee-eaters (*Merops viridis*).

The dried skins of the Mandarin ducks and Chinese pheasants, after being moistened and treated with preservatives, were stuffed and mounted for exhibition purposes. The demoiselle crane and all other birds mentioned above were skinned, cured, stuffed, and mounted at the Museum. Also 40 specimens of birds' eggs were added to the department by purchase.

3. The department of Reptiles received the following additions :—

Two cobras (*Naia tripudians*), two tree-snakes (*Trimesurus anamallensis*), one Russell's viper (*Vipera russellii*), one viper (*Echis carinata*), three sand-snakes (*Gongylophis conicus*), two eryx (*Eryx johnii*), one rat-snake (*Zamenis mucosus*), two tree-snakes (*Dryophis mycterizans*), one sea-snake (*Enhydrina valakadien*), two grazing-lizards (*Uromastix hardwickii*), two tree-lizards (*Sitana ponteceriana*), and one chameleon (*Chamæleon calcaratus*).

These reptiles were all cured and preserved in spirits of wine.

4. The department of Fishes and Crustaceans received several minor specimens but none of them was so important as to deserve special mention.

5. To the department of Entomology were added 190 specimens of butterflies, moths, beetles, and other insects. The species of butterflies added to the collection were as follows :—

Danais grammica, *Curetis thetis*, *Curetis phœdrus*, *Charaxes imna*, *Charaxes fabius*, *Euthalia garuda*, *Euthalia lubentina*, *Zizera ossa*, *Lethe neelgheriensis*, *Mycalesis mineus*, *Junonia hierta*, *Junonia orithyia*, *Megisba malaya*, and *Cyaniris puspa*.

Also a caterpillar of the butterfly (*Euthalia garuda*) from Burma was received by presentation from the Deputy Commissioner, Seoni, Central Provinces. The butterflies, moths, beetles, and other insects added to the collection were all cured, preserved, and mounted for exhibition at the Museum.

6. To the department of Geology no addition was made during the year.

7. In the division of Anthropology the additions made were very few and none of them was valuable. To the department of Artware was added a full set of Indian cooking pots, plain Moradabad work, by presentation from Mahomed Hussain Mukba, Esq., of Nabob's Buildings, Byculla.

8. The department of Ethnology received no addition.

9. To the department of Numismatology were added two copper coins of Ahmed Shah, King of Guzerat, found in the Kaira district, and ten *gadhia* coins of mixed metal, copper and brass, by presentation from the Honorary Secretary, Bombay Branch, Royal Asiatic Society.

10. In the Natural History division the specimens in the various departments were now and then examined and were freely supplied with preservatives. In the department of Mammals, though no important addition was made to the collection, a good deal of overhauling work was done during the year. The Osteological collection also was overhauled and re-arranged. The huge vertebral and other massive bones of the great Indian fin-whale (*Balaenoptera indica*), exhibited in the central hall, were removed and re-arranged in the right wing of the Museum on the ground-floor. In the department of Birds 78 birds were skinned, and their skins were cured, stuffed, and mounted. Also constant attention was paid to the collections of Reptiles, Fishes, and Crustaceans, and the several additions made were cured and preserved in spirits of wine. The Entomological collection was examined from time to time, and the specimens added during the year were cured, preserved, and mounted for exhibition purposes.

11. In the division of Anthropology the bulk of the work consisted in the overhauling and re-arrangement of specimens. The show-cases also were removed and located in places where the collections were made more attractive and convenient for purposes of study as well as for general inspection. The specimens of valuable cloths and other textile fabrics were constantly examined and were freely supplied with preservatives. As far as was known, the specimens in the various departments were all in good order and preservation.

12. The Museum Library received several important additions during the year.

13. A statement showing how the annual and special grants were utilized will be found in Appendix **A** at the end of the report.

14. During the year under review the Museum was open to the public for 314 days, and the total number of visitors was 641,500, showing a daily average attendance of a little over 2,042. Last year, the Museum was open to the public for 312 days, and the total number of visitors was 584,865, showing a daily average attendance of a little over 1,874. Though the plague in its recrudescent stage raged more severely than it did last year, the increase in the number of visitors this year is probably due to the imposition of quarantine against Bombay.

APPENDIX A.

Statement showing how the annual and special grants were utilized :—

Natural History Grant.

		Rs.	a.	p.
1.	Spirits of wine	446	0	0
2.	Sundry preservatives	329	0	0
3.	Natural History specimens	176	0	0
4.	Miscellaneous charges	249	0	0
	Total ... Rs.	1,200	0	0

Grant for Cases.

		Rs.	a.	p.
1.	Materials and labour for repairing and polishing old cases	271	0	0
2.	Minor cases	29	0	0
	Total ...Rs.	300	0	0

Artware Grant.

		Rs.	a.	p.
1.	Artware show-case	313	6	2

Special Grant.

	Rs.	a.	p.
Reference books	393	8	0

PUBLIC HEALTH.

1. REPORT of Brigade-Surgeon-Lieutenant-Colonel T. S. WEIR, Municipal Health Officer.
2. REPORT of the SUPERINTENDENT OF LICENSES.
3. REPORT of the SUPERINTENDENT OF MARKETS.
4. RETURN OF STREET ACCIDENTS, forwarded by the COMMISSIONER OF POLICE.
5. REPORT of the MEDICAL OFFICER IN CHARGE, Infectious Diseases Hospital, Arthur Road.

1.—REPORT OF THE HEALTH OFFICER.

I have the honour to forward herewith my Annual Report for 1897. Bombay.

2. Before examining the mortality, it is well to consider the position of Bombay.

3. The portion of Bombay in which most of the population live in closely built houses and densely populated habitations lies in a valley between rocky ridges, the centre of the valley in places lying below mean sea level; on the south side most open to the sea, and raised above the sea level by sand and alluvial deposits.

4. Up the valley, in between hillocks, at one time flowed creeks. These creeks and the hollows have been largely filled with vegetable matters which have not at depths yet decomposed.

5. There is still underground an ooze, where these creeks flowed, and the ground waters of the valley are influenced by the pressure of the sea currents around.

6. The valley of Bombay is most unfavourably situated. Into it flows the rain water from higher lands, the escape of which is obstructed by roadways and buildings, and to the north by a dense clay formation. But happily the soil has a marvellous power of purification, even greater than the air. In the centre of the valley to which most of the drainage flows, the soil is a stiff clay.

7. The area of Bombay is about 22 square miles, and on a portion of this area there is the most densely crowded population in the British Empire, the six sections of greatest density of population having 227,021 people on an area of 403·28 acres.

8. The following table shows the sections of the greatest density and their populations:—

	Population.	Area.	Persons to an acre.
Khara Talao	27,035	40·33	670·39
Chukla	32,197	51·23	628·47
Kumbharwada	32,209	52·23	616·67
Market	44,751	83·63	535·10
Bhuleshwar	38,363	71·73	534·82
Umarkhadi	52,466	104·13	503·85
	227,021	403·28	

Health of Bombay before 1895 and growth of City.

9. In 1895, before the appearance of Plague, Bombay was more healthy than any large city in India, and the chances of life were better than in many European towns. I need not do more than refer to the high mortality in Bombay one hundred years ago, when residence in it was regarded with apprehension.

10. It is forgotten that this City has grown so rapidly that all the improvements that other cities have had centuries to complete are not to be accomplished in Bombay in a few years.

Improvements.

11. Few people realise the enormous improvements that have been effected in the last twenty years, whether it is in the highways, or in the habitations of the people, or in the reclamation and improvement of the surface ground.

Course of the epidemic.

12. The course of the epidemic of Plague is marked out in the diagram of the mortality from day to day, and it may be divided into five periods or five epidemics, so to speak—

I. Commencing on the 19th September 1896 and ending about the 15th of October.

II. Commencing after the 15th of October and ending about the 4th of November.

III. Commencing after the 4th of November and after a series of repressions, developing into the great epidemic which culminated in a high mortality on the 28th of December, and reached its greatest intensity and virulence about the 15th of January 1897.

IV. Commencing in the second week of July 1897, and reaching its maximum in the second week of August, and declining till it reached its minimum in the middle of November.

V. Commencing in the second week of December 1897 and gradually developing into the great epidemic of 1897, with slighter repressions than in the previous year, till, on the 9th of February 1898, a mortality of 347 was reached, followed by a series of repressions and fluctuations, till on the 16th of March the mortality rose to 358 and again on the 18th to the same number, from which period the mortality commenced to decline in irregular curves.

13. Such has been the progress of the pestilence since 1896.

14. There are good reasons for thinking that the epidemic might have reached its fastigium on the 9th of February 1898 if the measures, as was found advisable a month later, had been relaxed. If the concealment of cases had been less, the epidemic would have decreased sooner was the belief I expressed.

15. An epidemic can be irritated as well as a local sore, and the period between the 9th of February and the 15th of March may be

described as the period of panic and irritation. The measures were followed by the concealment of cases, and concealment led to the intensification of the type. The conditions existed which it would have been necessary to create had it been desired to intensify the disease.

Health Officer's views on the Plague Epidemic, 1897.

16. In the Report for 1896, I have referred to the grave view I took of the future—even in May of 1897 I objected to the removal of officials who had become acquainted with the City and with the measures for the suppression of the disease, and who were most useful to this City, when their services were transferred elsewhere.

Type of disease in the monsoon.

17. The type of the disease, as the monsoon proceeded, was either pneumonic or abdominal—a type that might assume a virulently and destructively epidemic character. The curve of mortality followed the same curve as in 1896, but was higher as the monsoon proceeded.

Diagrams of mortality for September and October 1896 and 1897 and Health Officer's remarks.

18. The diagrams showed that the mortality in 1897, in September and October, was very much higher than in the same months in 1896, notwithstanding the appearance of Plague and the epidemic in that year, and that the curve of mortality followed the same lines in a very remarkable manner.

19. My opinion was scoffed at by some, while others contrasted my optimism, when I was responsible, with my pessimism, when I was not in charge of the operations against Plague ; while some called me an alarmist. If the calamity were not so terrible, if it were possible for any one to utter reproaches, I might now reproach those who took the opposite view.

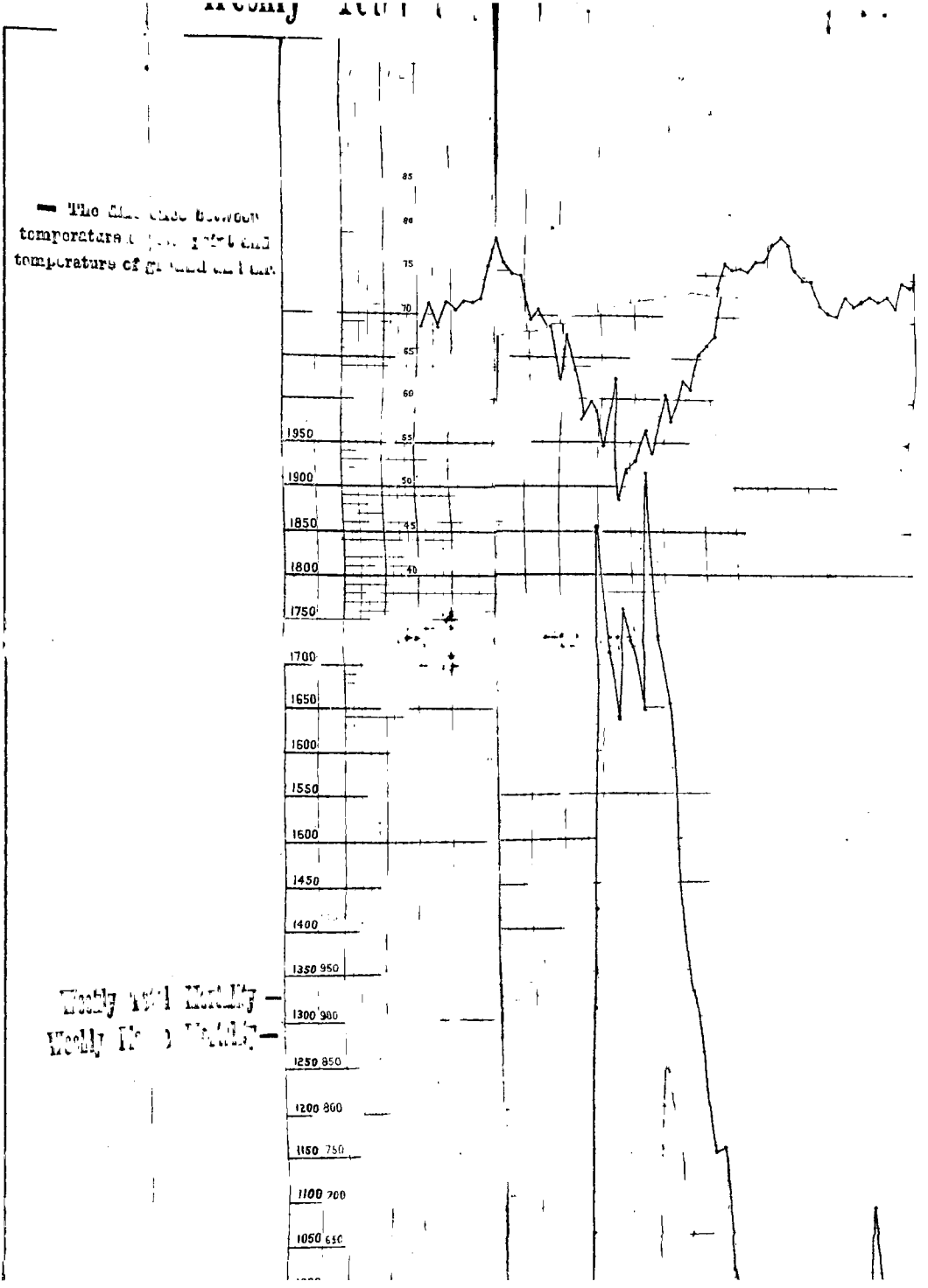
20. It was strange the apathy of the public to the high mortality throughout the rains of 1897.

21. While in 1896 there was the greatest excitement, in 1897 a very much higher mortality did not even excite comment. It is true the disease was new to the people in 1896, and the measures seemed to them not necessary, but in 1897 they would not believe that another epidemic could occur.

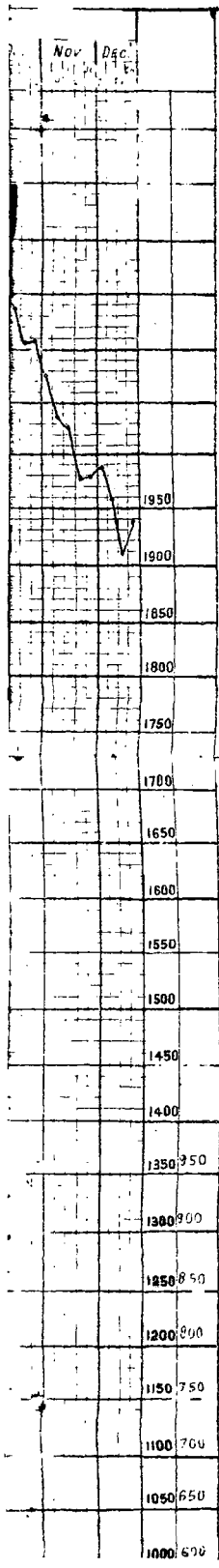
Plague mortality 1896-97—cont'd.

22. In October the outlook was grave, the mortality following the same curve as in 1896, but higher. Though the number of deaths was not large, the type was grave, being pneumonic or abdominal.

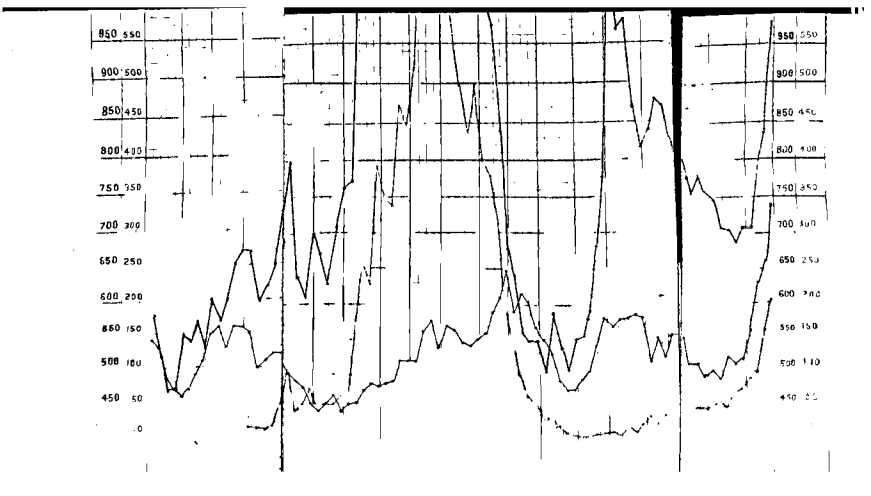
23. I looked to the future even before this with the greatest anxiety—for here was the plain fact that, during October 1897 the mortality had been on an average 82 a week *higher* than in the same month of 1896, when it should have been much lower than in 1896—notwithstanding the epidemic of Plague that began in the latter year, the panic that it caused, and the much greater number of susceptible people when the epidemic commenced. The danger, notwithstanding my warnings, was not realized. Vain hopes were formed as to the effect of measures, and, when those hopes were disappointed, irritation and dismay followed.


— The
temperature
temperature of
85
80
75
70
65
60
55
50
45
40
1950
1900
1850
1800
1750
1700
1650
1600
1550
1600
1450
1400
1350 950
1300 900
1250 850
1200 800
1150 750
1100 700
1050 650

atic Conditions.

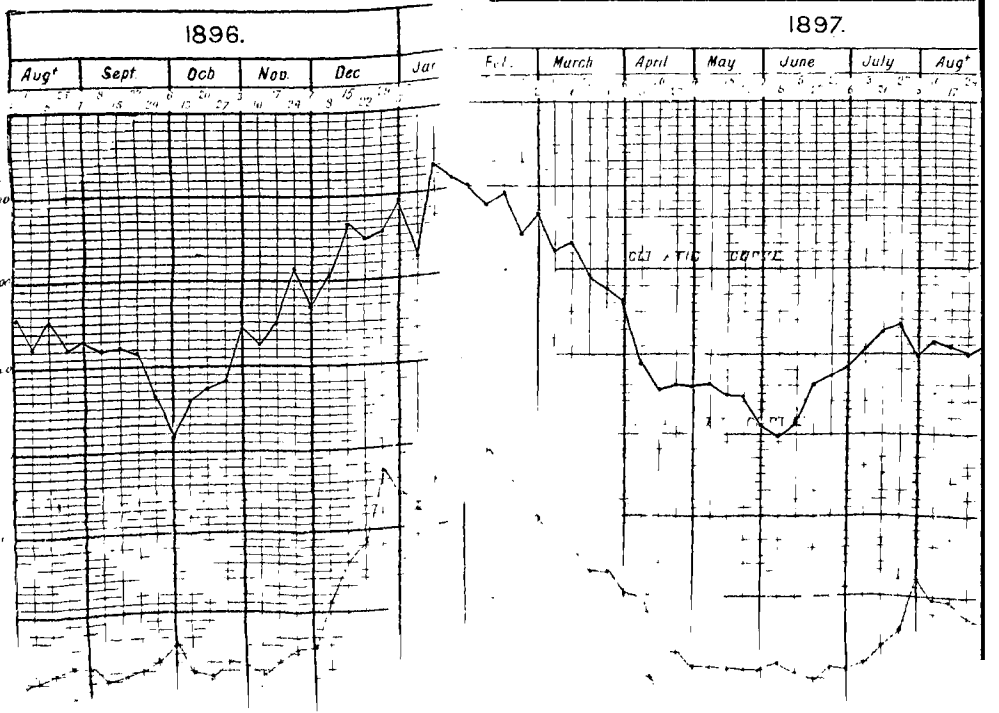


Weekly Average Rainfall —
Weekly Climatic Co[illegible] —


850 550
900 500
850 450
800 400
750 350
700 300
650 250
600 200
550 150
500 100
450 50
.0

DIAG

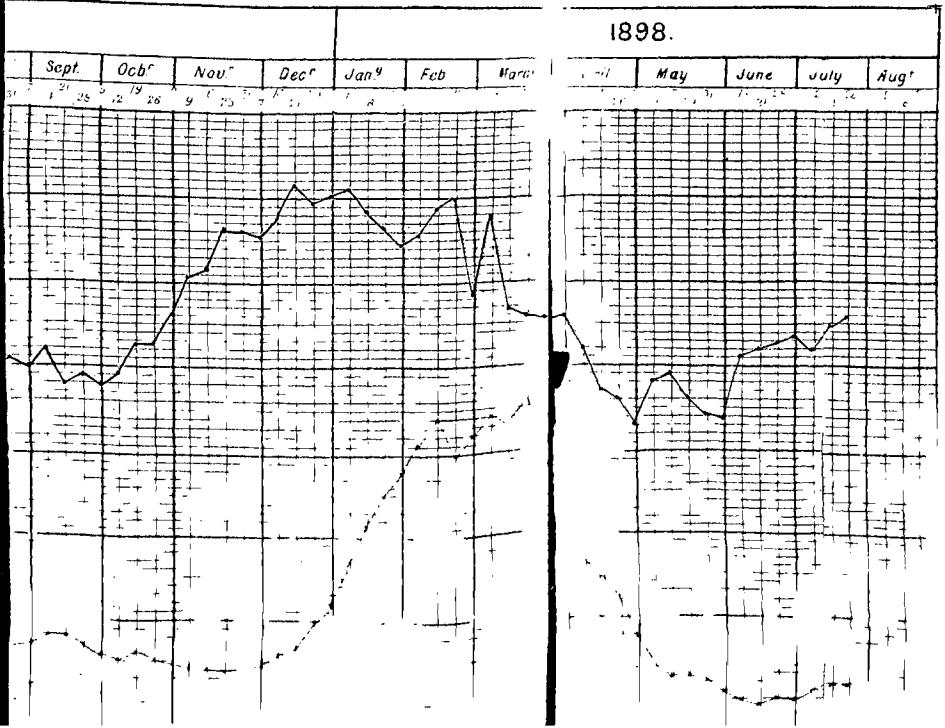
Contrasting [illegible] Weekly Total Mor



CLIMATIC CURVE SHOWN IN GREEN

RAIN.

ality and Clima . Conditions.



24. Though the number of Plague cases was less than in 1896, the *total* mortality was *higher*. This implied concealment of the disease and intensification of the type through concealment. There is no better tribute to the work of the Health Department in 1896 than that in 1897, with a higher mortality, with an enormously greater expenditure, and with a vast organization—*fewer* cases of Plague were at that period detected by the Plague Committee than by the Health Department in 1896.

25. I admit the difficulties of the Plague Committee. The population was against them, and they had lost the assistance of the medical profession. It was difficult for them to obtain information, for the people did not call in medical men.

The future.

26. The view I took was this, that the future depended on—

(*a*) the multiplication of the rat population ;

(*b*) the disappearance of the disease from amongst rats ;

(*c*) the susceptibility of the human population.

Till the rats become immune, the disease must continue to occur amongst human beings wherever it has been epidemic.

Mortality in Bombay lower than elsewhere.

27. In my last report I pointed out that all who came to study the disease in this City were surprised that the mortality was so low. The mortality in Bombay, having been much lower than in any place outside Bombay, deceived no doubt a great many people, and gave them an utterly wrong idea of the value of the measures being taken. They were buoyed up with a hope that it was only necessary to carry out certain measures and display various activities and the epidemic would be stayed. The pest would not be called Plague if it was so easily to be defeated. This disease is concurrently epidemic amongst human beings and animals. The importance of this fact even those who came here to advise us did not comprehend—that from the earliest times far more drastic measures than have been adopted or suggested in India have been applied against the pest and have always failed to stop its progress. Until recently there was the most extraordinary ignorance as to the measures taken in ancient times to prevent the development and spread of Plague.

28. Even in 1897, with the second recrudescence or epidemic of Plague, followed by a third recrudescence, the total mortality from all causes in Bombay was not as high as the mortality from Plague alone in many places in India. In 1896 the total mortality (including Plague and all other diseases) was only 40·71 per 1,000, and in 1897 it was not higher than 58 per 1,000.

29. In places where Plague has been epidemic, the mortality from this one cause has not infrequently been higher than the mortality from all causes in Bombay.

TABLE SHOWING THE HIGHEST INCIDENCE OF MORTALITY BY SECTIONS FROM THE CHIEF DEATH CAUSES.

All Causes.		Fevers.		Diseases of the Respiratory system.		Phthisis.	
2nd Nagpada	105·01	Parel	15·48	2nd Nagpada	23·33	2nd Nagpada	17·31
Kamathipura	97·86	Sewri	15·33	Khara Talao	17·42	Umarkhadi	14·82
Mahim	87·86	Kamathipura	14·21	Kamathipura	16·53	Chukla	13·85
Parel	85·28	2nd Nagpada	14·06	Umarkhadi	14·96	Kamathipura	12·87
Byculla	80·71	Byculla	12·69	Chukla	13·85	Khara Talao	11·17
Tardeo	79·71	Tardeo	12·06	Dongri	13·02	Mandvi	10·21

Plague.		Small-pox.		Measles.		Cholera.	
Mahim	35·99	1st Nagpada	·44	2nd Nagpada	1·91	Byculla	3·50
Sion	23·46	Kamathipura	·28	Byculla	·90	Tarwadi	3·33
Kamathipura	21·19	2nd Nagpada	·21	Tardeo	·89	Parel	3·13
Parel	20·98	Byculla	·16	Khumbharwada	·80	Mahim	2·97
Sewri	20·12	Kumbharwada	·12	Khara Talao	·78	Worli	2·74
Byculla	19·38	Khara Talao	·11	Kamathipura	·71	1st Nagpada	2·60

Areas of highest mortality.

30. The highest mortality in Bombay from Plague occurred in the suburbs, in the districts of—

	No. of Deaths.	Death-rate.
Mahim.....	666	35·99
Sion	460	23·46
Kamathipura	619	21·19
Parel	603	20·98
Sewri	122	20·12
Byculla	919	19·38

Causes of high mortality during the monsoon of 1897 and difficulty of recognition of types of Plague.

31. *Cholera* was but *one* of the disease causes contributing to the high mortality after June. The recognition of the types of diseases at that period was, in the opinion of experienced medical men, often attended with great difficulty. If the recognition of the type was difficult, correct registration could not be hoped for in this City, where only a small proportion of those who succumb to disease are attended in this last illness by medical men. The people—the mass of the population—had almost ceased to call in medical men when they suffered from Fever. This was the most serious aspect of the effect of the measures being adopted to detect cases of Plague.

Immigration of famine-stricken into the City in 1896.

32. Earlier in the year, I had viewed with great apprehension the stream of famished immigrants coming into the City.

33. Even as far back as August 1896, previous to the appearance of a great number of famine-stricken people coming into the City by land over the Causeways, and by sea in coasting craft, I recommended that arrangements should be made to form as had been done in 1877 large camps for the detention of famished people.

To deal with Cholera or Fever in normal and abnormal seasons.

34. The Health Department has never had any difficulty in dealing with outbreaks of Cholera amongst the permanent population. But outbreaks of Cholera or Relapsing Fever amongst the famine-stricken immigrants are much more difficult to control than amongst the ordinary population, and require a totally different treatment. The measures applicable to the disease in one class are not applicable in the other. In the case of the ordinary resident population the disease is dealt with; in the case of the famine-stricken, the people have to be taken care of first, and the disease to be attended to afterwards. It has always to be remembered that, amongst the ill-fed, choleraic forms of disease assume a very fatal form.

35. There is only *one* way of preventing the spread of epidemic diseases amongst the famished, and that is by placing them in camps and feeding them. It is not sufficient to isolate the sick. Camps for the famished, and food.

36. Amongst the ill-fed in Bombay, famine types of diseases may always be expected in famine years. In this period there was also a large number of people in Bombay who, although they were *not* suffering from starvation, were ill and not in good health from poor food and wretched lodging. Famine years and types of disease.

37. In the middle of July, I asked Mr. Haffkine to examine bacteriologically cases of Cholera which I suspected to be cases of Plague. I also asked him to examine the water of tanks, and the mud from wet places in Byculla, where cases of Cholera were occurring. In July a serious increase in the mortality from Phthisis and Fevers, and diseases of the respiratory system was observed, and if the reports of the Plague Committee are accepted there was an extraordinary epidemic of Phthisis in which deaths occurred in two or three days. The disease was, I contended, Plague, and it indicates the difficulty of recognizing the types of Plague. I believed that an epidemic of Plague was coming, and that a great crisis was approaching. I had already expressed an opinion to this effect to the Commissioner, who had recognised the grave state of the public health, and brought it to the notice of the Standing Committee in July. The course of mortality from the middle of July indicates that Plague was epidemic, and that the disease was either not discovered or not recognized, and that deaths from Plague were concealed under other diseases. Examination of Cholera cases by Mr. Haffkine. High mortality in July from Phthisis and Fevers, &c. Course of mortality in July, August and September.

38. Although I did *not* think the water-supply had any influence on the prevalence of choleraic diseases at that season, in the Byculla district and other localities—for the cases were not concentrated, nor had the disease followed the distribution of the water-supply, nor the line of incidence which would have been expected, had the source of contagion been in the water-supply—yet, later in July, I asked Mr. Haffkine to examine the water-supply and the water of tanks and other places in the district; as at a time previously, the existence of a microbe in the water-supply—similar to the cholera bacillus, but in an attenuated form—had been known and had been under observation. The prevalence of Cholera and the water-supply. Mr. Haffkine's examination of the water.

39. Medical officers in Byculla were deputed to take instructions from Mr. Haffkine in the use of the prophylactic serum, and inoculators were appointed at the same period.

40. In the end of July, as Mr. Hankin had returned to Bombay, he was asked to make examinations of the water-supply. Mr. Hankin found a microbe which I had an opportunity of seeing in the Vehar supply—similar to the cholera bacillus of Koch. As it re-acted to the usual tests, it was decided to stop the water-supply from Examination of the water-supply by Mr. Hankin and results.

Vehar, and accordingly this measure was carried out. This precaution was absolutely necessary, considering the results of the bacteriological examination of the water I have just now referred to. Further examination demonstrated that the microbe possessed very little virulence, and it was considered safe to restore after a week the water-supply. Mr. Hankin gave me great assistance at this period, and he was always ready to help. In August microbes, similar to Koch's bacillus, but of a more virulent type than bacilli from any other locality, were detected by Mr. Hankin in the mud collected in Colaba. It was suggested to me that the mud of all the wet places in the Island should be disinfected; but, studying the seasonal incidence of Cholera in this Island, I came to the conclusion that the measure would not be necessary, and that the disease would follow the regular curve of mortality of former years and would disappear before disinfection could even be carried out. The incidence of the mortality falling heaviest on *one* area of the City, supplied with the same water as other areas, little or not affected and on the poorest in this area, seemed to me to indicate that the prevalence of cholera was not due to the disease in the water-supply. The high mortality occurred chiefly in the districts north of Kamathipura—in the wet districts.

Cholera mortality in certain areas not due to the water-supply.

41. By the end of July only one death from cholera had been recorded in Walkeshwar, 6 in Chuckla, and 8 in the Fort, North. The mortality followed the seasonal course of former years. It rose in July, and in the first week of August acquired its greatest incidence.

Cholera mortality by months and localities.

42. The mortality at this period fell heaviest on the poorest classes in the undrained districts of Byculla, Parel, and Mahim.

Cholera mortality by classes, districts and races.

43. If the mortality is arranged by classes, it will be observed that during the whole year, up to July, only—

1 death	occurred	amongst	Bhatias,
3 deaths	,,	,,	Europeans,
3 ,,	,,	,,	Jews,
14 ,,	,,	,,	Parsees, and
14 ,,	,,	,,	Brahmins.

44. The small number of deaths in these classes indicates the immunity from cholera of certain classes in this City, and it also indicates that the source of the disease could not have been in a water-supply used by all classes.

45. The large classes of the population amongst whom the highest mortality occurred were Hindu low-caste and Native Christians.

46. During the epidemic of cholera, diseases of choleraic type, as in the famine periods, were prevalent, not only in this Island, but all over this side of India. Choleraic types prevalent.

47. I would draw particular attention to the observation that, synchronous with the prevalence of cholera in this City, the disease was epidemic in the country around.

48. I have been asked, "What was the cause of the prevalence of cholera?" I replied, "The development of a specific microbe in the mud and wet places of the Island was the immediate cause. The remote causes were those conditions of which famine and high prices are the indications." The causes.

49. The high mortality in the monsoon and the unfavourable state of the public health were influenced by the destitution and high prices due to the prevalence of Plague. The mortality in the monsoon influenced by high prices of food.

50. A high mortality may be expected in any year in which famine and the abnormal phenomena, of which it is the indication, occur. Famine, high prices and general causes.

51. A portion of the local mortality was due to the imperfect sanitary conditions in one portion of the City in Byculla, and the districts East, West, and North; but the greater portion was due to Plague and the conditions inseparable from destitution. Local causes.

52. In the Report for 1896, I pointed out that the momentous event in that year, which overshadowed all other phenomena, was the appearance of Famine.

53. The City may give water and keep the public ways of the City clean, and do much else that is beneficial and sanitary, but the City cannot give food nor clothes to all the destitute, nor can the City give to each one—100,000 or more—who sleep on the damp ground, a bed to lie on.

54. In August the number of destitute people in the City attracted much attention and caused anxiety. On the 23rd of August, I organized a census of six chawls occupied by the poor, but not the poorest, in Byculla. An examination was made, and as many as 24·7 per cent. of the people living in these chawls were found to be unemployed. This indicated an immense amount of privation. The destitution at this period, and the diseased states that existed were indicated by the wage of 3 annas a day, eagerly accepted by the people who struggled here by road from a famine area as far off as Central A census of the poor in Byculla.

India. Even previous to the monsoon, some 40 per cent. of the people arriving by sea were classed by an observer as destitute and sickly.

Susceptibility of the famished and sick and poor to disease.

55. A year of famine provides helpless subjects for epidemics. If it were decided to select persons susceptible to epidemic diseases, no groups more susceptible or less resistant than the large number of people who trudged all the way from Central India by road, and who arrived here either ill or very weak, could be found.

56. Such was the state of many of the people, even before the rains, pinched in their resources and enfeebled in health, and their number swelled, as the year advanced, by destitute countrymen seeking employment and food.

Types of Plague. Difficulty of recognition.

57. The type of disease was frequently difficult of recognition. Cases were admitted into hospitals with symptoms like cholera, and after a time the choleraic symptoms disappeared and Plague developed. Other cases began with the symptoms of cholera, and afterwards fever of a relapsing type supervened, followed by Plague; and cases have occurred in which the type of disease could not be recognised.

Multiplicity of types.

58. The multiplicity of types in an epidemic of Plague has been commented upon from the earliest times.

59. Undoubtedly the prevalence of cholera contributed to the enhancement of the general mortality from the middle of July. The curve of seasonal mortality, which is very uniform, indicated this.

Wet districts and damp floors, the cause of many deaths.

60. Many deaths in the wet and ill-drained districts, and more especially in Byculla, were, I was informed, due to syncope, through people in ill-health sleeping on the wet ground. In the low-lying districts, the floors of the buildings are nearly as damp as the ground outside.

Kamathipura, Byculla and Parel described.

61. The localities most affected were Kamathipura and the districts immediately to the north—Byculla and Parel. These are the districts that are low-lying or undrained, and portions of them may be described as bogs, after heavy rain, when the sewage overflows from the open drains or ditches. In these districts the new roads, the new buildings, and the reclamation of the swamps or flats in Byculla, elevating the land across the natural line of drainage, have obstructed the flow of ground

water, and so raised in the low-lying localities the level of the subsoil waters which had flowed on to the swamp.

62. Few observe how easily the flow of the ground water may be obstructed, and how dangerous the results may be. I have known the raising of ground a *few* inches on *one* side of a dwelling house, which had been always dry, to render that side damp.

State of the low land, east and west of the railway at Mahalakshmi.

63. At this season any one who wishes to understand the influence of embankments and road-ways on the current of ground water, cannot do better than observe the state of the ground on the west and east of the line at Mahalakshmi. The state of the low-lying undrained districts may be seen by any one travelling in the train to the north of the island. Buildings in the low-lying districts where water overflows into pools in the monsoon must be surrounded with water. The low-lying ground in other portions of these districts is ankle-deep, or even deeper in sewage and water in the rains. Where there are open drains or open ditches, they overflow after rain on to the low-lying ground near them.

The Elphinstone Road drains.

64. At Elphinstone Road, excellent open drains have been constructed, and the abominable nuisances between groups of buildings in that locality have been removed. But the open drains only carry sewage a little further away to a hole, not far from a large mill. And yet, for the present, it is not practicable to do anything better.

Nuisance from want of drainage owing to rapid extension of the City.

65. Nearer the City, nuisances from imperfect drainage remain to pollute the soil and the air, and they must continue and be endured till the drainage of these districts is carried out.

66. The City has grown so rapidly that it has not been practicable to carry out works for the removal of the sewage and rain-water as quickly as buildings have been constructed, and allowance must be made for this. It has to be remembered that in the suburbs it has been impracticable to construct drains near new buildings as quickly as buildings have been erected.

Impracticability of constructing drains in the suburbs as quickly as buildings are erected.

67. Where but a few years ago there were solitary buildings in swamps, there are now towns or densely populated habitations, amidst which there are serious nuisances caused by pools of water or sewage in the rains. In some localities these nuisances cannot be removed through the system of drainage, for the reason that the buildings and the nuisance in the midst of them are on ground lower than the sewers.

68. To drain these localities the ground must be raised and the buildings demolished.

The nuisances in the Byculla district.

69. The conditions that existed at that period in the locality (Byculla) most affected were :—

(*a*) Flooded ground between buildings.

(*b*) Nuisances from the overflow of sewage and water on to the ground.

(*c*) Overcrowding and crowding of the destitute in insanitary positions.

And to these should be added the high prices of food ruling.

70. The local conditions were chiefly nuisances causing pollution of the soil and air.

Drainage, the only remedy for the nuisances described.

71. There is only one remedy to remove these conditions and to prevent the pollution therefrom, *viz.*, drainage, or the construction of sewers connected to the drainage system to carry away the sewage, and the construction of storm and subsoil drains to remove or pass away the ground or surface water.

The remedy. Drainage.

72. There is absolutely neither mystery nor doubt about the remedy to be applied. Wet land can only be made dry by drainage, either on the surface or under the ground.

73. It has been noticed that there has been more flooding in the north of the Island in the last 2 years than during any former period.

Increase in the flooding in the north of the Island.

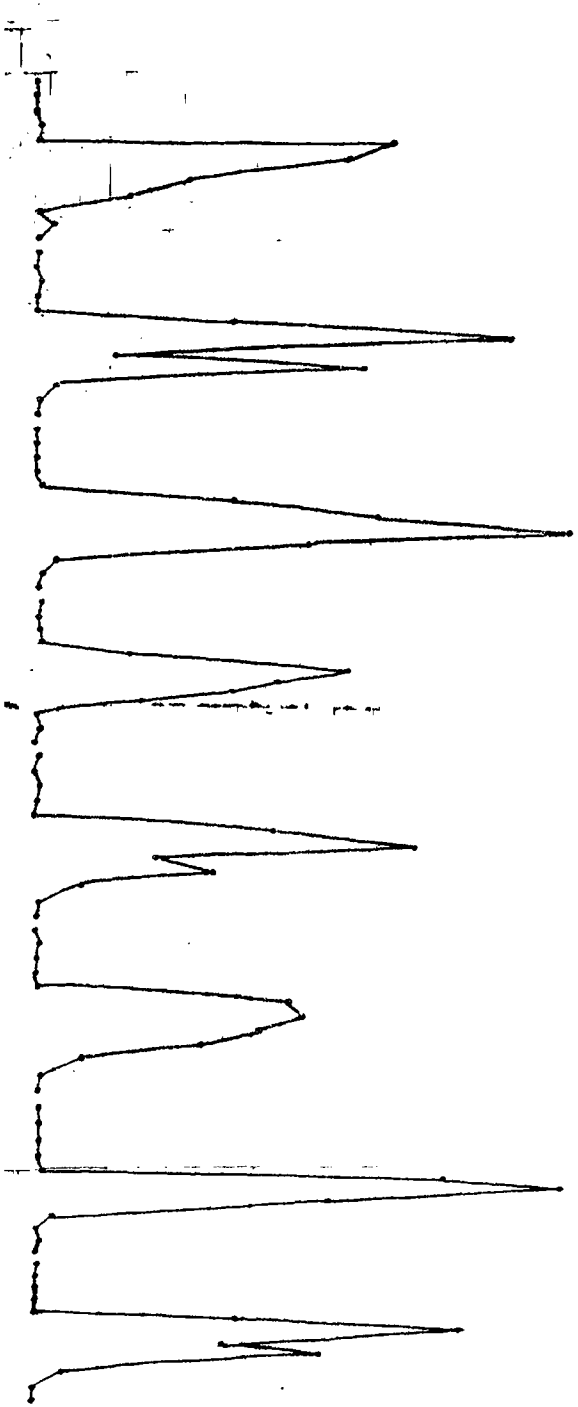
74. I ascribe it to (1) the increased obstruction to the flow of the ground water, caused by roads and the reclamations arising from new buildings ; (2) the increased water-supply and the abnormal distribution of the rainfall.

75. The rainfall during the last two years has been most unfavourable to health conditions, having been distributed over a shorter period than usual, and in consequence of the rain continuously falling the ground became saturated and sodden for a long time after the rains.

Treatment of Plague after appointment of the Plague Committee.

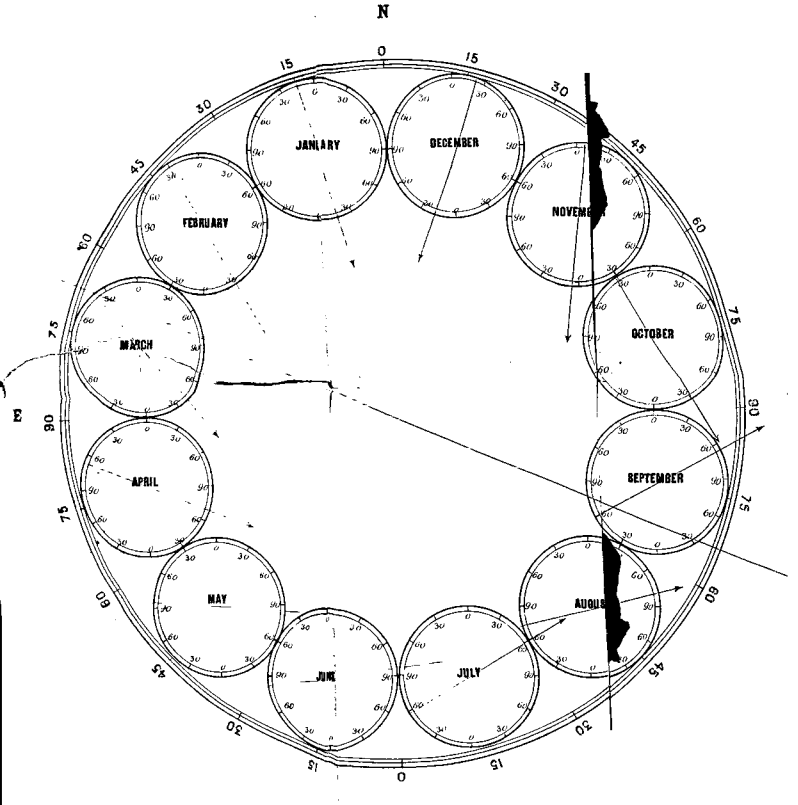
76. Practically, up to June, the same treatment of Plague as was followed by the Health Department was continued after the appointment of the Plague Committee. I have described this in the last Report, and reference is not now necessary to it.

77. Perhaps more attention was given to the removal of the patient to hospital, but less to the place infected and less to animals suffering from the disease ; more hospitals were opened in the City ; while the inspection of localities, building by building, was carried out. The inspection was supported by troops, but troops were not employed in inspection. I see that a statement has been made that troops were employed, but it is not correct.



MONTHLY AND YEARLY MEAN DIRECTION OF WIND.

1897.



78. The measures that are of value continued to be taken, *i.e.*, the individual was dealt with and the place where he resided.

Health Officer's recommendations as to converting rain water channels and ditches into open drains.

79. I attach great importance to a recommendation I have made before as to the necessity of converting all the open side drains, ditches and gullies throughout the Island into open drains provided with flushing tanks. This measure would effect a great improvement and remove numerous causes of soil and air pollution and drive rats away.

Registration of deaths.

80. It is not necessary for me to make many remarks on the importance of improvement in the system established by law for the registration of deaths in this City. That the law should be altered, if there is to be any improvement, there can be no doubt. There seemed to be an impression that information of the cause of death could be obtained by some alteration in the organisation of the system of registration, amongst a population, not 10 per cent. of whom are at any time attended professionally, at a time above all others, when *not one* per cent. of the people who died were attended by medical men—when the population had ceased to call in medical aid.

First steps towards correct registration.

81. People who discuss the registration of deaths do not seem to consider that the first steps towards correct registration are: —

(1) The notification of disease.

(2) The attendance of medical men on the sick.

(3) The diagnosis of disease during life or the recognition of it after death.

Popular ideas about death registration.

82. There has been a popular idea that by some mysterious system of registration the cause of death of people, who had never been attended by medical men during life, could be ascertained *after* death, without even an external medical examination of the dead body. The sooner this delusion is dispelled, the better; and it cannot be too soon understood that only by either the treatment of the living while sick or the examination of bodies after death can the registration of deaths be improved. Registration is but the concluding act in the record of death causes.

Amendment of the Law.

83. The Commissioner submitted a scheme which, I think, undoubtedly would effect a very great improvement in the registration of deaths in this City, in which at all times only a small proportion of the population is attended in illness by medical men; and during this epidemic when, as I have already stated, the people almost ceased to call in medical aid.

Further steps towards correct registration.

84. I would state briefly the steps towards correct registration of deaths that ought to be adopted :—

(1) Registration of Medical Practitioners.

(2) Medical dispensaries for the treatment of the poor in each section.

(3) The alteration of the law in respect of the registration of deaths on the lines suggested.

85. The first two steps to be taken are :—

(1) Registration of medical men.

(2) Medical relief.

Unless these two steps are taken there can be no real advance in registration of death causes.

Mortality from Plague by class.

86. In estimating the distribution of the mortality from Plague by class, it has to be remembered that the mortality in some classes cannot be accepted as correct. Not only has concealment of cases to be calculated on, but imperfect recognition of the disease.

87. The lowest mortality occurred amongst *Europeans*—20 deaths were registered. As far as the European mortality is concerned, it may be taken as correct. The mortality from *Plague* amongst Europeans raised slightly the total death-rate in the community.

88. The next lowest mortality occurred amongst *Musalman*—5·4 per 1,000. This cannot be accepted as correct, though the Musalman population suffered *less* than many other classes. Apart altogether from concealment, there is a margin that must be left for imperfect recognition of the disease, as only a small proportion of the Musalman sick were attended by medical men.

89. The mortality amongst *Jews* was as low as 5·9 per 1,000.

90. *Bhattias* had a registered mortality of only 7 per 1,000, but this cannot be considered as correct, though Bhattias did not suffer so much as other allied communities.

91. The mortality of *Brahmins* is also low, but the total mortality in the Brahmin population is only 38 per 1,000; evidently a large number of cases of Plague amongst Brahmins did not escape detection. It is remarkable this low mortality amongst Brahmins.

92. Amongst *Eurasians*, allowance has also to be made for imperfect recognition of the disease.

93. The highest mortality occurred in the *Hindu low-caste* population, and also probably the least recognition of cases.

94. If we take the *Parsee* community, the Plague mortality was 7·52 per 1,000. If this is deducted from the total mortality, it gives a mortality of 25, so that the increase in the mortality of the Parsee

community is very nearly accounted for by the mortality from Plague. There could not, as would be expected, have been any great concealment of cases.

95. Up to the commencement of the work of the Plague Committee on the 1st of April, the difficulty, I would again repeat, was to obtain recognition of the disease, to secure correct diagnosis.

Low mortality amongst Europeans.

96. If we take the principal classes, in only one, namely, Europeans, is the mortality from all causes less than in 1896. The enhancement varies from 4·51 amongst Parsees to 19·76 amongst Musalmans.

Mortality from Plague by classes, habitations, and districts.

97. Notwithstanding the high mortality of the year, the European mortality is lower than in many previous years, as will be seen from a table following. This is remarkable. The low mortality in the European population is very remarkable, for Europeans not only did not flee the City at any time, but many of them approached the disease, and exposed themselves to contagion in aid of the sick.

TABLE SHOWING THE TOTAL NUMBER OF DEATHS AND THE RATE OF MORTALITY IN THE FOLLOWING CLASSES SINCE 1877 :—

Years.	Total No. of Deaths in the City.	Brahmins.	Parsees.	Europeans.	Musalman.	REMARKS.
1877...	33,511	29·93	23·04	30·33	45·26	
1878...	26,999	31·83	24·99	31·98	49·12	
1879...	22,527	27·99	20·45	24·81	41·57	These calculations are based on the population of 1872.
1880...	21,146	27·60	20·14	26·88	37·44	
1881...	21,856	19·05	20·10	22·77	31·05	
1882...	20,468	21·02	18·43	17·70	29·87	
1883...	23,530	23·06	22·96	18·94	34·53	
1884...	22,542	22·32	22·86	19·23	33·27	
1885...	21,850	24·69	20·43	19·23	32·02	
1886...	20,074	20·71	21·42	17·89	30·57	These calculations are based on the population of 1881.
1887...	20,513	20·85	20·47	17·22	31·74	
1888...	22,421	23·62	22·67	19·04	32·69	
1889...	23,378	24·98	22·88	20·66	35·20	
1890...	20,534	22·27	21·11	18·56	32·98	
1891...	23,847	23·66	23·28	18·60	38·29	
1892...	26,518	27·77	23·78	20·10	41·25	
1893...	23,142	23·56	22·27	18·68	37·23	
1894...	27,330	24·93	21·80	20·37	42·10	These calculations are based on the population of 1891.
1895...	25 081	25·72	22·94	20·81	39·30	
1896...	33,151	32·22	28·10	19·39	53·01	
1897...	47,896	88·72	32·61	18·77	72·77	

TABLE SHOWING THE DEATH-RATE AMONGST EUROPEANS AND PARSEES DURING A SERIES OF YEARS.

Years.	Parsees. Per 1,000 of Population.	Europeans. Per 1,000 of Population.	Remarks.
1872..... ...	28·44	29·22	These calculations are based on the population of 1872.
1873..... ...	21·97	24·54	
1874.....	22·81	25·51	
1875.....	24·08	32·58	
1876.....	23·74	24·69	
1877.....	23·04	30·33	
1878.....	24·99	31·98	
1879.....	20·45	24·81	
1880.....	20·14	26·88	These calculations are based on the population of 1881.
1881.....	20·10	22·77	
1882.....	18·43	17·70	
1883.....	22·96	18·94	
1884.....	22·86	19·23	
1885.....	20·43	19·28	
1886.....	21·42	17·89	
1887..	20·47	17·22	
1888.....	22·67	19·04	
1889.....	22·88	20·66	
1890.....	21·11	18·56	
1891.....	28·28	18·60	These calculations are based on the population of 1891.
1892.	23·78	20·10	
1893.....	22·27	18·68	
1894.....	21·80	20·37	
1895.....	22·94	20·81	
1896.....	28·10	19·39	
1897	32·61	18·77	

Mortality from Plague by class.

98. The mortality by *class* has fluctuated between 23·9 per 1,000 amongst Hindu low-caste, 5·4 amongst Musalman, and 1·7 per 1,000 amongst Europeans.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death rate per 1,000 of Population.
Jains	25,225	373	14·78
Brahmins	37,982	397	10·45
Lingaets	784	26	33·16
Bhatias	7,891	59	7·47
Hindus of other castes	451,465	7,172	15·88
Hindus, low-caste	45,169	1,084	23·99
Musalman	155,101	846	5·45
Parsees	47,458	357	7·52
Jews	5,021	30	5·97
Native Christians	29,712	580	19·52
Eurasians	4,330	42	9·69
Europeans	11,290	20	1·77
Negro-Africans	146	4	27·39
Buddhists	190	.....	.....
Other and unknown castes	.....	13	.....
Total ...	821,764	11,003	13·39

99. The mortality by *habitations* indicates the influence of ventilation in giving protection against the disease, for it has generally been lowest in the highest rooms of the highest buildings. Mortality influenced by room ventilation.

100. The distribution of mortality by *districts* discloses an extraordinarily low mortality in one district—the Fort, South. In this district in 1896 the total mortality from all causes did not exceed 5·31, and in 1897 it was not more than 8·85; and yet round this district a cordon was not placed, nor were any measures taken that were not carried out in other districts.

101. The recurrence of the disease by *houses* is most interesting. In those buildings from which the downtake pipes were removed and disinfected, and, if they were imperfect, replaced, and open drains constructed in the house gullies properly connected to the sewers, the disease has not greatly revived. Mortality from Plague by buildings. Recurrence in buildings.

102. I take two buildings, both on Mandvi Bunder. In one building in 1896, 19 cases occurred, in the following year 7 cases, and in 1898 2 cases.

103. I take another building on the other side of the bridge. In 1896 as many as 17 cases occurred, in 1897 only 2, and in 1898 but 1.

104. The mortality from Plague by sex and age indicates that the disease has been *most* fatal to *males*, and most fatal *after* adolescence had been reached. In both sexes there is a remarkable ascent in the mortality about the 10th year of age. Mortality from Plague by age, sex and class.

105. Amongst males the most fatal period was between 35 and 40 years of age, and amongst females in the early years of puberty and later life.

106. It may be said that under five years of age the recognition of the disease is more difficult and the malady more rapidly fatal than at advanced periods. Hence the *true* mortality in childhood is *not* known, nor the incidence of the disease at different periods of life indicated by the statistics.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	Males.			Females.			Persons.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 year.....	12,427	45	3·62	12,864	41	3·18	25,291	86	3·40
From 1 to 2 years.	6,619	33	4·98	6,884	31	4·50	13,503	64	4·73
„ 2 to 3 „	6,893	44	6·38	7,250	47	6·48	14,143	91	6·43
„ 3 to 4 „	6,368	49	7·69	6,564	34	5·17	12,932	83	6·41
„ 4 to 5 „	...	54	...	...	59	...	...	113	...
„ 5 to 9 „	33,969	289	8·50	32,229	292	9·06	66,198	581	8·77
„ 10 to 14 „	47,664	640	13·42	30,242	478	15·64	77,906	1,118	14·28
„ 15 to 19 „	57,181	670	11·71	33,598	325	9·67	90,779	995	10·96
„ 20 to 24 „	74,160	918	12·37	37,485	344	9·17	111,645	1,262	11·30
„ 25 to 29 „	72,650	1,260	17·34	31,282	385	12·30	103,932	1,645	15·82
„ 30 to 34 „	61,687	1,074	17·41	27,079	379	13·99	88,766	1,453	16·36
„ 35 to 39 „	38,190	737	19·29	16,568	237	14·30	54,758	974	17·78
„ 40 to 44 „	38,287	590	15·40	20,182	266	13·18	58,469	856	14·64
„ 45 to 49 „	18,263	282	15·44	9,297	137	14·73	27,560	419	15·20
„ 50 to 54 „	20,825	367	17·62	13,443	179	3·31	34,268	546	15·93
„ 55 to 59 „	7,251	110	15·17	4,565	67	14·67	11,816	177	14·97
„ 60 and over ..	15,659	297	18·96	14,139	248	17·54	29,798	545	18·28
Total...	518,093	7,459	14·39	303,671	3,544	11·67	821,764	11,003	13·39

Cases and deaths from Plague by months.

107. The number of cases and the number of deaths from Plague by months is very interesting.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS AND PERCENTAGE FROM PLAGUE IN 1897.

Months.	No. of Attacks.	No. of Deaths.	Percentage.
January	2,537	2,110	83·1
February	3,553	3,349	94·3
March	2,694	2,424	89·9
April	1,866	1,309	70·1
May	448	345	77·0
June	202	104	51·4
July	73	42	58·3
August	124	72	58·0
September	247	171	69·2
October...	290	180	62·3
November	378	254	67·1
December	924	643	69·5
Total ...	13,314	11,003	2·6

108. It will be observed that the virulence of the disease varied with the number of cases.

109. The mortality was highest with the greatest intensity of the disease towards the end of January and the beginning of February.

110. The number of cases decreased through March, April, May and June, till the minimum of 42 was reached in July.

111. From the middle of July the mortality commenced to increase, and continued with fluctuations to increase till the end of the year, rapidly rising in December into an epidemic fatality.

112. The proportion of deaths to cases by dwellings is most interesting. Proportion of deaths to cases by dwellings and floors.

TABLE SHOWING THE PROPORTION OF DEATHS TO ATTACKS FROM PLAGUE IN ALL WARDS AND THE WATER DIVISION, FROM JANUARY TO DECEMBER 1897.

Wards.	Ground Floor.	First Floor	Second Floor.	Third Floor.	Fourth Floor.	Fifth Floor.	Harbour.	Road side.	Unknown.	Total.
A	72·2	65·8	70·4	57·1	53·8	54·5	66·6	58·6	.....	67·8
B	71·1	68·6	59·9	58·9	47·7	53·3	66·6	68·4	.....	65·7
C	80·3	78·7	64·8	57·7	42·1	53·3	.....	66·6	.....	75·6
D	84·7	74·3	58·9	64·2	53·3	.....	.....	63·1	.....	81·5
E	87·5	80·0	77·2	66·6	50·0	40·0	.....	50·0	.....	84·0
F	92·0	77·7	66·6	100·0	.....	.....	.....	93·3	.....	90·8
G	83·6	63·8	68·6	50·0	.....	.....	.....	80·0	.....	82·3
Unknown ...	.....	.....	.....	.....	.....	.....	.....	.....	100·0	100·0
Water Division ..	.....	.....	.....	.....	.....	.....	100·0	.....	.....	100·0
Total ..	84·7	75·5	67·8	59·7	48·1	45·4	84·6	62·2	100·0	82·6
Total last year ...	74·7	79·0	76·5	66·1	59·0	66·6	.....	96·3 / 85·1		76·1

This mortality in dwellings illustrates the influence of ventilation on the disease.

113. The chances of recovery progressively increased from the *first* floor upwards; from 84 per cent. on the ground floor to 45 per cent. on the fifth floor the mortality decreased; and even the people picked up on the road side, destitute though they may have been, had a better chance of recovery than those living on the ground floor.

114. The proportion of mortality to the height of residence indicates the great influence of exposure to the air in preventing the spread of the disease.

115. It will be observed that in *all* the wards there is the same progressive decrease in the fatality with the height of buildings. Progressive and general decrease in Plague fatality with the height of building.

A WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road side.		Un-known.		Total.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	60	54	48	40	25	22	15	12	10	8	5	3	3	2	10	8	...	...	176	149
February	98	81	18	15	18	15	8	6	5	3	3	2	...	...	3	2	...	...	153	124
March	60	44	23	15	13	8	8	5	3	1	3	1	...	...	5	2	...	...	115	76
April	22	10	18	9	14	8	8	3	2	...	...	...	...	...	6	3	...	...	70	33
May	14	10	10	6	5	2	3	1	1	...	...	...	...	...	...	...	...	...	33	19
June	3	1	4	2	1	...	1	...	1	1	...	...	...	...	1	...	...	...	11	4
July	3	2	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	3
August	10	6	4	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	15	9
September	8	5	2	1	1	1	1	1	...	...	...	...	...	...	...	...	...	...	12	8
October	9	5	3	2	5	3	3	2	...	...	...	...	...	...	...	...	...	...	20	10
November	9	7	10	7	7	5	1	1	...	...	...	...	...	...	...	...	..	...	27	20
December	36	17	17	6	8	4	8	1	4	1	...	...	...	...	4	2	...	...	77	31
Total ...	332	240	161	106	98	69	56	32	26	14	11	6	3	2	29	17	...	...	716	486

B WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

Months.	Ground Floor		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour		Road side.		Unknown.		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	42	33	25	20	20	16	11	9	3	2	1	1	...	...	8	7	...	...	110	88
February	68	59	50	44	22	17	16	14	8	6	...	...	...	...	5	4	...	...	169	144
March	55	44	64	52	32	23	7	4	10	6	...	...	1	1	1	1	...	...	170	131
April	61	38	120	66	74	35	53	25	9	3	...	...	1	1	6	4	...	...	324	172
May	28	21	23	17	9	6	11	7	5	2	1	...	...	...	...	...	...	...	77	53
June	16	9	12	5	5	2	2	2	1	...	...	...	...	...	1	1	...	...	37	19
July	6	1	4	3	2	1	1	1	...	...	...	...	...	...	...	...	...	...	13	6
August	10	4	10	4	10	3	4	1	...	...	...	...	...	...	...	...	...	...	34	12
September	21	13	30	19	20	13	13	8	...	...	...	...	...	...	...	...	...	...	84	53
October	20	13	24	14	18	10	11	6	4	1	...	...	1	...	...	...	...	...	78	44
November	19	10	30	18	30	18	19	10	...	...	...	...	...	...	...	...	...	...	98	56
December	59	43	70	55	30	19	20	12	4	1	1	...	...	...	17	9	...	...	201	139
Total ...	405	288	462	317	272	163	168	99	44	21	3	1	3	2	38	26	...	...	395	917

C WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

Months.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road side.		Unknown.		Total.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	175	147	176	150	60	40	30	17	6	3	2	1	...	...	14	10	...	...	463	368
February	140	131	132	122	72	66	18	15	5	4	...	...	...	...	4	4	...	...	371	342
March	106	93	79	65	20	14	9	5	2	1	...	...	...	...	2	1	...	...	218	179
April	82	56	57	33	31	13	10	6	2	...	...	...	..	...	5	2	...	...	187	110
May	22	16	17	12	11	8	5	3	...	...	...	...	...	...	...	...	...	...	55	39
June	15	9	11	7	2	...	3	...	...	...	1	...	...	...	3	2	...	...	35	18
July	7	4	7	3	3	1	...	...	...	...	...	...	...	...	...	...	...	...	17	8
August	7	4	16	10	2	...	1	...	2	...	...	...	...	...	...	...	...	...	28	14
September	11	6	18	13	4	1	5	3	...	...	...	...	...	...	...	...	...	...	38	23
October	25	14	13	7	6	2	...	...	...	...	...	...	...	...	...	...	...	...	44	23
November	30	22	21	10	8	2	...	...	...	...	...	...	...	...	...	...	...	...	59	34
December	108	83	80	62	34	17	9	3	2	..	..	...	...	...	8	5	...	...	241	170
Total ...	728	585	627	494	253	164	90	52	19	8	3	1	...	...	36	24	...	...	1756	1328

D WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road side.		Unknown.		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	225	186	50	39	12	9	5	4	1	...	...	...	...	...	6	5	...	...	299	243
February	320	304	74	65	8	6	4	3	1	...	...	...	...	...	2	1	...	...	409	379
March	230	211	35	23	6	2	1	1	...	...	...	...	...	...	6	3	...	...	278	240
April	79	45	12	8	3	1	2	...	...	...	...	...	...	...	1	1	...	...	97	55
May	9	5	3	1	4	2	1	1	1	1	...	...	...	...	...	...	...	...	18	10
June	7	4	2	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	11	4
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1
August	4	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3
September	5	3	5	2	...	...	...	...	...	...	...	...	...	...	1	1	...	...	11	6
October	9	6	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	7
November	14	10	4	2	2	2	1	...	...	...	...	...	...	...	...	...	...	...	21	14
December	34	16	7	4	3	1	...	...	...	...	...	...	...	...	1	...	...	...	45	21
Total ...	936	793	195	145	39	23	14	9	3	1	...	...	...	...	19	12	...	...	1206	983

E WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

Months.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road side.		Unknown		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	609	494	184	142	51	35	8	4	1	...	...	...	...	...	16	9	...	...	869	684
February...	776	772	259	253	79	74	26	23	2	2	1	...	...	...	9	8	...	...	1152	1132
March	467	453	124	110	70	63	6	4	1	1	2	1	...	...	4	3	...	...	674	635
April	188	150	81	55	24	19	2	...	4	1	1	...	...	...	3	2	...	...	303	227
May	56	49	13	10	2	1	2	1	1	...	...	...	...	...	19	6	...	...	93	67
June	38	14	19	4	5	2	1	...	...	...	...	...	...	...	2	...	...	...	65	20
July	11	7	9	5	3	1	...	...	...	...	...	..	...	...	...	...	...	...	23	13
August	10	6	7	4	2	1	1	...	...	...	...	...	...	...	...	...	...	...	20	11
September	31	18	21	15	7	5	1	1	...	...	1	1	...	...	1	1	...	...	62	41
October	54	30	33	19	4	2	...	...	...	...	...	...	...	...	3	1	...	...	92	52
November	56	35	31	19	9	3	5	2	...	...	...	...		...	...	...	...	...	101	59
December...	122	97	45	24	17	5	2	1	5	3	...	...	...	...	14	5	...	...	205	135
Total.....	2418	2125	825	660	273	211	54	36	14	7	5	2	...	...	70	35	...	...	3659	3076

F WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

Months.	Ground Floor.		First Floor		Second Floor.		Third Floor.		Fourth Floor		Fifth Floor.		Harbour.		Road-side.		Un-known.		Total.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	148	137	6	6	2	1	...	...	...	...	...	...	...	...	2	2	...	...	158	146
February	416	393	14	11	...	...	...	...	...	...	...	...	...	...	3	2	...	...	433	406
March	236	210	35	26	5	4	1	1	...	...	...	...	...	...	1	1	...	...	278	242
April	141	137	9	8	1	...	...	...	...	...	...	...	...	...	...	...	...	...	151	145
May	23	15	2	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	26	17
June	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	2
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1
August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1
September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	5	5
October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2	2	...	...	3	3
December	5	3	5	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	6
Total ...	975	897	72	56	9	6	1	1	...	...	...	...	...	..	15	14	...	...	1072	974

G WARD.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road-side.		Un-known.		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	180	160	16	7	1	1	...	...	...	...	...	...	...	...	1	...	...	...	198	168
February	421	404	26	22	3	1	...	...	...	...	...	...	...	...	3	3	...	...	453	430
March	516	492	35	23	7	5	2	1	...	...	...	...	...	...	1	1	...	...	562	522
April	293	138	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	295	138
May	18	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	12
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
September	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	2	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3
December	5	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	2
Total... ...	1437	1202	83	53	11	7	2	1	...	...	...	...	...	...	5	4	...	...	1538	1267

UNKNOWN.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour		Road-side		Un-known.		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	264	264	264	264
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	392	392	392	392
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	399	399	399	399
April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	436	436	436	436
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	127	127	127	127
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37	37	37	37
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	10	10	10
August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	21	21	21
September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	34	34	34
October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44	44	44	44
November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65	65	65	65
December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	136	136	136	136
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1965	1965	1965	1965

WATER DIVISION.

TABLE SHOWING PLAGUE ATTACKS AND DEATHS ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

Months.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road-side.		Un-known.		Total.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	3	3
May	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	3	3
Total ..	...	...	...	...	...	...	...	...	...	...	...	...	7	7	...	...	...	...	7	7

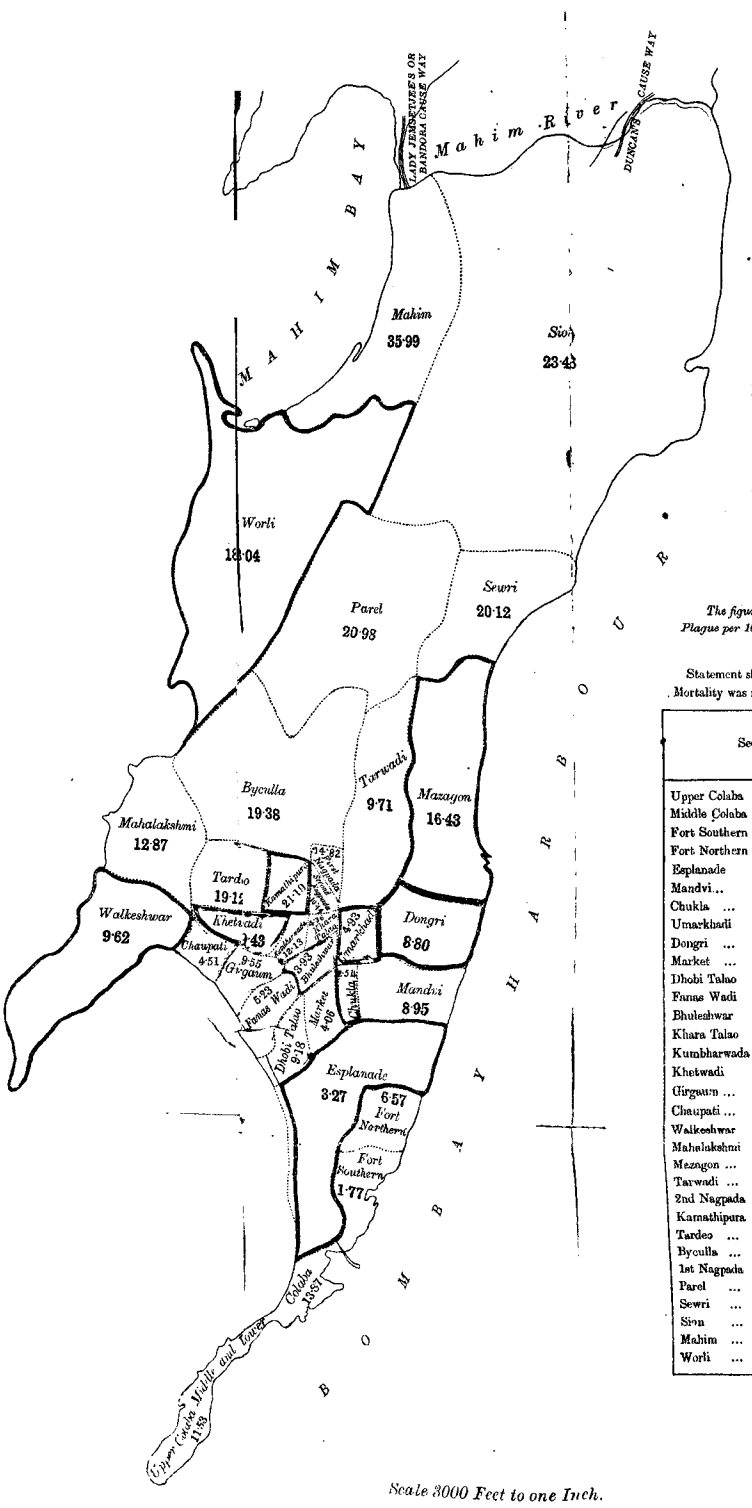
TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE ACCORDING TO FLOORS FROM JANUARY TO DECEMBER 1897.

MONTHS.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour.		Road-side.		Unknown.		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
January	1439	1211	505	404	171	124	69	46	21	13	8	5	3	2	57	41	264	264	2537	2110
February	3239	2144	573	532	202	179	72	61	21	15	4	2	...	...	29	24	392	392	3532	3349
March	1670	1547	396	314	153	119	34	21	16	9	5	2	1	1	20	12	399	399	2694	2424
April	866	564	299	179	147	76	75	34	17	4	1	...	4	4	21	12	436	436	1866	1309
May	170	126	68	47	32	20	22	13	8	3	1	...	1	1	19	6	127	127	448	345
June	85	39	48	18	14	4	7	2	2	1	1	...	...	...	8	3	37	37	202	104
July	27	14	24	12	8	3	1	1	...	...	...	...	...	...	2	2	10	10	72	42
August	42	24	37	20	15	5	6	1	2	...	...	...	...	...	1	1	21	21	124	72
September	77	46	76	50	32	20	20	13	...	...	1	1	...	...	7	7	34	34	247	171
October	117	66	75	43	33	17	14	8	4	1	...	...	1	...	2	1	44	44	290	180
November	130	86	99	58	56	30	26	13	...	...	...	...	...	...	2	2	65	65	378	254
December	369	261	225	154	92	46	39	17	15	5	1	...	3	3	44	21	136	136	924	643
Total... ...	7231	6130	3425	1831	965	643	385	280	106	51	22	10	13	11	212	132	1965	1965	13314	11003

TABLE SHOWING THE ATTACKS AND DEATHS FROM PLAGUE IN ALL WARDS INCLUDING UNKNOWN AND THE WATER DIVISION FROM JANUARY TO DECEMBER 1897.

Wards.	Ground Floor.		First Floor.		Second Floor.		Third Floor.		Fourth Floor.		Fifth Floor.		Harbour		Road-side.		Un-known		TOTAL.	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
A	332	240	161	106	98	69	56	32	26	14	11	6	3	2	29	17	...	...	716	486
B	405	288	462	317	272	163	168	99	44	21	3	1	3	2	38	26	...	...	1395	917
C	728	585	627	494	253	164	90	52	19	8	3	1	...	...	36	24	...	...	1756	1328
D	936	793	195	145	39	23	14	9	3	1	...	...	...	...	19	12	...	...	1206	983
E	2418	2125	835	660	273	211	54	36	14	7	5	2	...	...	70	35	...	...	3659	3076
F	975	897	72	56	9	6	1	1	...	...	...	...	...	...	15	14	...	...	1072	974
G	1437	1202	83	53	11	7	2	1	...	...	...	...	...	...	5	4	...	...	1538	1267
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1965	1965	1965	1965
Water Division	...	...	...	...	...	...	...	...	...	...	...	...	7	7	...	...	...	...	7	7
Total ...	7231	6130	2425	1831	955	643	385	230	106	51	22	10	13	11	312	132	1965	1965	13314	11003

MORTALITY FROM PLAGUE BY SECTIONS.



Scale 3000 Feet to one Inch.

1897.

Total Attacks.... 13314

„ Deaths 11003

Per cent.

Proportion of Deaths to attacks ... **82·64**

Per thousand

Death-rate amongst Males ... ...**14·39**

Death-rate amongst Females ... **11·67**

The figures in each Section, show the death-rate from Plague per 1000, calculated on the Census of 1891.

Statement showing the week in which the highest total Mortality was registered in each Section in 1897.

Sections.	Highest Death-rate from all causes since Jan. 1897.	During week ending.
Upper Colaba	143·94	16th March.
Middle Colaba	118·33	2nd February.
Fort Southern	26·32	23rd March.
Fort Northern	117·14	12th January.
Esplanade	41·33	17th August.
Mandvi	119·90	13th April.
Chukla	125·97	12th January.
Umarkhadi	155·60	5th Do.
Dongri	99·48	30th March.
Market	91·79	5th January.
Dhobi Talao	145·80	19th Do.
Fanas Wadi	105·85	5th Do.
Bhuleshwar	109·79	5th Do.
Khara Talao	151·95	12th Do.
Kumbharwada	124·31	5th Do.
Khetwadi	138·96	26th Do.
Girgaum	196·45	9th February.
Chaupati	108·40	12th January.
Walkeshwar	120·09	16th February.
Mahalakshmi	134·47	23rd Do.
Mazagon	162·30	5th January.
Tarwadi	144·05	9th February.
2nd Nagpada	188·40	12th January.
Kamathipura	242·16	19th Do.
Tardeo	241·09	9th February.
Byculla	189·77	2nd March.
1st Nagpada	149·46	5th January.
Parel	200·83	9th February.
Sewri	274·45	12th January.
Sion	214·88	30th March.
Mahim	354·06	2nd Do.
Worli	173·38	19th January.

116. It is an interesting fact that the number of persons found on the road-sides decreased progressively from January up to December, in which month, with the development of the epidemic, the number commenced to increase. Cases on the road-sides.

117. In another portion of this report I have referred to the influence of house-drainage in preventing the recrudescence of Plague. At first I thought the effect of drainage was due to the improvement of the general sanitary condition of buildings, but I have now come to the conclusion that it is dependent on the closing of rat-holes and the demolition of the homes of the rats. Where Plague recurs frequently, it is, I believe, due to there being favourable hiding and feeding places for the animals. Influence of house drainage on Plague not due to the improvement of the general sanitary condition of buildings but to the closing of rat-holes, &c.

118. If it were practicable through any public agency to carry out house-drainage, to remove and clean all down-take pipes, to construct and repair all house drains and gullies, it would have a great influence on the recrudescence of Plague.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PLAGUE BY SECTIONS IN 1978.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba ... Upper	4,335	50	11·53
	Colaba ... Middle and Lower	13,622	189	13·87
	Fort ..... Southern	3,951	7	1·77
	Fort ..... Northern	32,847	216	6·57
	Esplanade	10,064	33	3·27
B	Mandvi	37,295	334	8·95
	Chukla	32,197	81	2·51
	Umarkhadi	52,466	259	4·93
	Dongri	30,317	267	8·80
C	Market	44,751	182	4·06
	Dhobi Talao	39,945	367	9·18
	Panaswadi	24,069	126	5·23
	Bhuleshwar	38,363	151	3·93
	Khara Talao	27,035	118	4·36
	Kumbharwada	32,209	391	12·13
D	Khetwadi	28,814	272	9·43
	Girgaum	26,999	258	9·55
	Chaupati	11,512	52	4·51
	Walkeshwar	12,990	125	9·62
	Mahalakshmi	17,014	219	12·87
E	Mazagon	33,640	553	16·43
	Tarwadi	21,298	207	9·71
	2nd Nagpada	18,768	196	10·44
	Kamathipura	29,203	619	21·19
	Tardeo	18,980	363	19·12
	Byculla	47,403	919	19·38
	1st Nagpada	11,133	165	14·82
F	Parel	28,740	603	20·98
	Sewri	6,063	122	20·12
	Sion	19,601	460	23·46
G	Mahim	18,505	666	35·99
	Worli	25,493	460	18·04
Water Division		22,142	8	·36
Non-resident and unknown		...	1965	...
	Total	821,764	11,003	13·39

Sections of highest and lowest *Plague* mortality, with explanations thereof.

119. It is a remarkable fact that the highest mortality from Plague occurred in the sections to the north and south of the Island.

120. To the north the highest mortality occurred in the sections north of a line running through Grant Road, and to the south in the suburbs of Colaba.

A higher mortality in Suburbs than in City.

121. A lower mortality occurred from Plague in the surface crowded portions of the City than in the suburbs. The explanation, I believe, is ventilation : the chawls in which the poor classes live have often a gully on one side, and into this gully windows open. In consequence of this there is more air circulation in the rooms in which they live even in chawls than in the central and dark rooms in the old-shaped buildings in the suburbs, although these buildings may be in the fields or surrounded by open spaces.

Rats and their Agency in spreading Plague.

122. The knowledge that *rats* are carriers of the disease is widespread, and is now being practically made use of by people who never had cats before, but who now keep and feed *cats*. (In the houses of people who never kept cats before, cats may now be seen, and even people who had a dislike to the animals may now be seen putting out food for them).

123. The experience of last year has been repeated. Cases have generally been preceded by the disease among rats. In a building in Matharpacady, in which dead rats were found, 7 cases of Plague occurred.

124. In Khetwady several cases of Plague happened in February after dead cats and rats had been found. We had in one office an interesting instance of *cats* suffering : 2 were affected and 1 died.

125. At Chikalpada chawl, Byculla, mostly inhabited by Musalman weavers, a number of rats were found dead and dying in the first week of February, and on the 4th of the same month a fatal case of Plague occurred in the compound of the Government Medical Stores followed by others in the locality.

126. Dead or dying rats were also found at Bhoiwada, in one of the Assessment Ward Offices, in the Government Telegraph Office, on Nowrojee Hill, and in the stables adjoining Messrs. Sassoon & Co.'s premises, Fort.

127. In a chawl at the junction of Falkland Road and Pathan Street, 4 cases of Plague occurred in August. Before these cases occurred, some 30 dead rats had been found.

128. Dr. Gimi, in a note on the mortality amongst rats preceding cases of Plague, states that about the middle of January 1898, in Popatwadi, Girgaum Road, and Marine Street, dead and dying rats were found, and that cases of Plague occurred a few days afterwards. He also noticed that up to the above date the mortality in Dhobi Talao

Section ranged from 3 to 5 deaths a day (including 1 or 2 deaths from Plague), but within a *week* after the appearance of sick rats, the cases of Plague increased from 8 to 13 a day for a week.

129. Dr. Godinho also submitted a note on the infection from rats, their routes of migration, and the mortality following on their appearance in houses in Dukargally, chiefly Burrow's Lane and Khoja Street, during January, February and March 1898. His observations showed that the rats travelled from south to north and from east to west, seldom or ever the contrary points, and that they infected one side of a street first, and then the other, before departure.

Treatment of Plague—Segregation.

130. In the report on Plague in 1896 I held that the treatment of the sick might be modified according to (*a*) the type of the disease, and (*b*) the ventilation of buildings. I believe the correctness of this view has been established by experience. I can see no reason why patients ill from Plague should not be treated inside the verandahs of buildings when the verandahs are wide and look on to open spaces ; *or why in the fair weather, when there is open space outside buildings, awnings should not be put up and patients allowed to be placed under them.* There is no use in evading the fact that the patients would be better placed for themselves and of no more danger to others under these conditions than in many private hospitals.

Inoculation.

131. I have contended since 1896 that every effort should be made to encourage the people to submit to inoculation with Mr. Haffkine's prophylactic serum, and that measures should be taken to make use of inoculation against Plague in the same way as measures are adopted to carry out vaccination against small-pox.

A weapon to be used.

132. There was before the end of the year serum ready for 100,000 people, and I was strongly of opinion that while all the sanitary measures, adopted from the beginning, should continue to be enforced, inoculation should be used as an additional weapon to protect the population. It is a weapon ready to hand and should be used with every other weapon at hand to resist the pest. Such was my opinion. The sole encouragement of inoculation has from the first come from the Municipality—the credit of supporting it when it was discouraged is due to us.

Mortality from Plague in the Grant Road, Arthur Road and E. G. Hospitals.

133. It will be observed that the mortality in the two Municipal Hospitals was almost the same.

134. In Grant Road Hospital the percentage of deaths to cases was 67·4, and in Arthur Road Hospital the mortality was 67·87 per cent. The average mortality to be expected amongst the Hindu population generally, under the most favourable conditions of treatment, may be taken at about these results.

Mortality by classes.

135. Amongst some classes, as Europeans, the mortality may be lower : for instance, in the European General Hospital the mortality was 35·2.

TABLE SHOWING THE NUMBER OF CASES OF PLAGUE ACCORDING TO SEX ADMITTED INTO THE JAIN PLAGUE HOSPITAL AND THE RATE OF MORTALITY.

Admitted.			Died.			Recovered.			Percentage of Mortality.		
Males.	Females.	Total.	Males	Females.	Total.	Males	Females.	Total.	Males.	Females	Total.
307	58	365	208	86	244	75	18	93	67·7	62·06	66·8

TOTAL SHOWING THE NUMBER OF CASES OF PLAGUE ACCORDING TO SEX ADMITTED INTO THE JULLAI SUNNI HOSPITAL AND THE RATE OF MORTALITY.

Admitted.			Died.			Recovered.			Percentage of Mortality.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
158	94	252	45	34	79	102	59	161	28·4	36·1	31·3

12 cases—11 males and 1 female—remaining under treatment at the end of December 1897.

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE DARIASTAN LOHANA HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
116	87	75

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE MAHOMEDBHOY IBRAHIM KHOJA HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
46	21	45·6

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE CUTCHI MEMON HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
30	19	63·3

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE HALAI MEMON HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
28	14	50·0

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE VASSANJI TRICUMJEE'S CLIVE ROAD HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
13	11	84·6

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE KOLSA MOHALLA MEMON JAMAT HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
9	4	44·4

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE IMAMWARA MOGUL HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Percentage of Mortality.
17	7	41·1

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE POLICE HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Discharged.	Died.	Percentage of Mortality.
10	4	6	60·0

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE ST. GEORGE'S HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Died.	Recovered.	Percentage of Mortality.
88	31	57	35·2

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE MARWARI AND FATTEPURA FEVER HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
16	13	2	81·25

One man was removed; result not known.

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE PORT TRUST HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admitted.	Recovered.	Died.	Percentage of Mortality.
74	35	38	51·3

As this hospital was closed on the 1st of June 1897, one remaining convalescent patient was sent to the Arthur Road Hospital.

TABLE SHOWING THE NUMBER OF CASES OF PLAGUE ACCORDING TO SEX ADMITTED INTO THE PAREL JAIN HOSPITAL AND THE RATE OF MORTALITY.

Admitted.			Died.			Recovered.			Percentage of Mortality.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females	Total.	Males.	Females.	Total.
112	33	145	71	20	91	38	13	51	63·3	60·6	62·7

Three cases remaining under treatment at the end of December 1897.

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE GRANT ROAD HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Transfers.	Percentage of Mortality.
347	234	47	66	67·4

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE KHATRI MAHOMEDAN FEVER HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
4	.....	4	.....

All the cases, *i.e.*, cent. per cent., cured.

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE HINDU FEVER HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
431	314	117	72·8

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE BHATIA PLAGUE HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
64	40	18	62·5

Six cases remaining under treatment on the 1st of January 1898.

TABLE SHOWING THE NUMBER OF ADMISSIONS FROM PLAGUE INTO THE NIZAMPURA FEVER HOSPITAL AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
15	3	4	20

Eight cases remaining under treatment at the end of December 1897.

TABLE SHOWING THE NUMBER OF CASES OF PLAGUE ADMITTED INTO THE CUTCHI MEMON PLAGUE HOSPITAL AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
23	10	13	43·4

TABLE SHOWING THE NUMBER OF ADMISSIONS FROM PLAGUE INTO THE MAHAMEDBHOY IBRAHIM HOSPITAL AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
54	34	12	62·96

Eight cases remaining under treatment at the end of December 1897.

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE J. J. HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Transferred to C. D. Hospital.	Deaths.	Percentage of Mortality.
54	35	19	35·18

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE PAREL GOVERNMENT HOUSE HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
304	196	108	64·47

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE ARTHUR ROAD HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
1,270	862	408	67·87

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE ADAMJI PEERBHOY HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
122	65	57	53·27

TABLE SHOWING THE NUMBER OF ADMISSIONS INTO THE RIPON ROAD SUNNI HOSPITAL FROM PLAGUE AND THE RATE OF MORTALITY.

Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
111	54	57	48·64

TABLE SHOWING THE NUMBER OF CASES OF PLAGUE ACCORDING TO SEX ADMITTED INTO THE 3RD BHOIWADA HOSPITAL AND THE RATE OF MORTALITY.

Admitted.			Died.			Recovered.			Percentage of Mortality.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
18	8	26	11	2	13	2	3	5	61·1	25	50

Five males and three females remaining under treatment at the end of December 1897.

Mortality from all causes.

136. When the mortality from all causes is examined in the large and important classes of population, living more or less together, it will be observed that it is highest amongst Hindoo low-class, as this group of communities is classified ; being as much as 103 per 1,000. In one class, namely Europeans, it is normal. After Europeans the mortality ascends through the Parsee and Brahmin communities, and reaches 42 per 1,000 amongst Eurasians and 44 per 1,000 amongst Jews. Jews are therefore in this city more susceptible to this and other diseases than Europeans. The cause is simply this—there is a large number of very poor Jews in Bombay and a large immigration of destitute Jews every year.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	1,301	51·57
Brahmins	37,982	1,471	38·72
Lingaets	784	86	109·69
Bhatias	7,891	366	46·38
Hindus of other castes	451,465	24,857	55·05
Hindus, low-caste	45,169	4,682	103·65
Mussalman	155,101	11,268	72·77
Parsees	47,458	1,548	32·61
Jews	5,021	221	44·01
Native Christians	29,712	1,536	51·69
Eurasians	4,330	184	42·49
Europeans	11,290	212	18·77
Negro-Africans	146	75	513·69
Buddhists	190	13	68·42
Other and unknown castes	.....	56	.....
TOTAL...	821,764	47,896	58·28

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	Males.			Females.			Persons.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	3,564	286·79	12,684	3,244	252·17	25,291	6,808	269·18
From 1 to 2 Yrs.	6,619	982	148·36	6,884	1,050	152·52	13,503	2,032	150·48
„ 2 to 3 „	6,893	510	73·98	7,250	558	76·96	14,143	1,068	75·51
„ 3 to 4 „	6,368	356	55·90	6,564	369	56·21	12,932	725	56·06
„ 4 to 5 „	...	293	...	.....	299	...	...	592	...
„ 5 to 9 „	33,969	845	24·87	32,229	955	29·63	66,198	1,800	27·19
„ 10 to 14 „	47,664	1,413	29·64	30,242	1,402	46·35	77,906	2,815	36·13
„ 15 to 19 „	57,181	1,452	25·39	33,598	1,116	33·21	90,779	2,568	28·28
„ 20 to 24 „	74,160	2,191	29·54	37,485	1,430	38·14	1,11,645	3,621	32·43
„ 25 to 29 „	72,650	2,984	41·07	31,222	1,636	52·29	1,03,932	4,620	44·45
„ 30 to 34 „	61,687	2,747	44·53	27,079	1,539	56·83	88,766	4,286	48·28
„ 35 to 39 „	38,190	2,004	52·47	16,568	943	56·91	54,758	2,947	53·81
„ 40 to 44 „	38,287	1,910	49·88	20,182	1,007	49·89	58,469	2,917	49·88
„ 45 to 49 „	18,263	1,084	59·35	9,297	590	63·46	27,560	1,674	60·74
„ 50 to 54 „	20,825	1,407	67·56	13,443	819	60·92	34,268	2,226	64·95
„ 55 to 59 „	7,251	563	77·64	4,565	352	77·10	11,816	915	77·43
„ 60 and over...	15,659	3,109	198·54	14,139	3,173	224·41	29,798	6,282	210·81
Total ...	518,093	27,414	52·91	303,671	20,482	67·44	821,764	47,896	58·28

Total mortality by months.

137. The mortality by *months* shows that the Plague epidemic had commenced to *wane* in January. In that month 7,518 deaths were registered; in February the mortality fell to 6,860, and continued to fall till the minimum mortality was reached in June. In July the

mortality rose to 2,989, and in August it ascended still higher, for 3,924 deaths were registered. Through September, October and November the mortality decreased, till in November 2,840 deaths were registered; but in December, when the recrudescence assumed an epidemic character, there was a great rise in the mortality, and as many as 3,615 deaths were registered in this month.

138. There were, therefore, *three* distinct periods of epidemic intensity during the year :—

1. In January.
2. „ August.
3. „ December.

STATEMENT SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES BY MONTHS IN 1896 AND 1897.

Months.	No. of Deaths from all causes, exclusive of still-born, in 1896.	No. of Deaths from all causes, exclusive of still-born, in 1897.
January	2,171	7,518
February	2,253	6,360
March	2,534	5,336
April	2,565	3,528
May	2,427	2,353
June	2,029	2,208
July	2,299	2,989
August	2,669	3,924
September	2,616	3,476
October	2,868	3,249
November	2,889	2,840
December	6,131	3,615
Total	33,451	47,896

139. The incidence of the mortality by place of birth shows that during this year of pestilence the people born *in* Bombay suffered much *less* than strangers. While the deaths amongst people born in Bombay were only 2,554 more than in 1896, the mortality among strangers was as much as 10,997 higher than in that year. Mortality by place of birth.

140. The average number of deaths among people born in Bombay is 12,607, and amongst strangers 12,924. It will therefore be seen that the mortality in this year, if classified according to place of birth,

is in *excess* of the average by 3,584 deaths among persons born in Bombay, and 17,655 *deaths among strangers.*

141. In short, the mortality among strangers has been more than *double.* The reason of the lower mortality amongst the population born in Bombay is, as in the case of Europeans, better dwellings.

TABLE SHOWING THE NUMBER OF DEATHS, EXCLUSIVE OF STILL-BORN, ACCORDING TO PLACE OF BIRTH IN 1897.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January	2,497	4,963	58	7,518
February	2,239	4,522	99	6,860
March	1,769	3,455	112	5,336
April	1,209	2,104	215	3,528
May	930	1,332	91	2,353
June	927	1,262	19	2,208
July	1,114	1,836	39	2,989
August	1,370	2,471	83	3,924
September	1,059	2,325	92	3,476
October	1,059	2,110	80	3,249
November	936	1,815	89	2,840
December...	1,082	2,384	149	3,615
Total ...	16,191	30,579	1,126	47,896

Mortality amongst people born in Bombay.

142. The influence of the Plague epidemic on the health of people born in Bombay is well shown in the incidence of the mortality by months. The mortality among people born in Bombay rose in January to 2,497, and fell in May and June to the normal level. The recrudescence in July and August is shown in the higher mortality amongst people born in Bombay in these months; but after August the mortality till December did *not* rise much amongst them.

The three chief death causes.

143. The highest mortality from any one death cause is referred to Plague, being 13·3 per 1,000. The three chief death causes that contributed to the high mortality are:—

1. Plague.
2. Diseases of the Respiratory System.
3. Fevers.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM THE PRINCIPAL CAUSES DURING 1897.

Cause of Death.	No. of Deaths.	Death-rate per 1,000 of population.
Small-pox	57	·07
Measles	359	·44
Fevers...	6,951	8·46
Cholera	1,265	1·54
Phthisis	5,927	7·21
Plague...	11,003	13·39
Diseases of the Nervous System	2,141	2·60
Do. do. Respiratory System	7,857	9·56
Diarrhœa	1,869	2·27
Dysentery	1,682	2·05
Accidents	520	·63
Other and unknown causes...	8,265	10·06
Total ...	47,896	58·28

144. Amongst death causes that contributed to increase the mortality, it will be observed, are deaths from old age or debility; 3,206 deaths were referred to these causes, being as many as 782 above the average. *Death causes*

145. In a year when the calamity of pestilence fell on a population already tried by famine, and the thoughts of the people were to escape the dread scourge, it might have been hoped that fewer human beings would give thought to destroying one another, or to injuring themselves; and it might have been expected that fewer persons would have endangered their own lives or undertaken enterprises of risk. And it was so in one respect, for the deaths due to poisoning are 23 *below* the average; but the deaths due to injuries are 107 *above* the average.

146. It is a suggestive fact that, if a line is drawn along Grant Road, the highest mortality occurred to the *north* of this line, commencing on the east; the sections of the highest mortality being immediately to the north of the line, *i.e.*, 2nd Nagpada and Kamathipura. While the third section of the line is Tardeo, in which the mortality was 79·71. Further north still, to the immediate north of Nagpada, is Byculla, with a mortality of 80·71; and further on Parel, with the fourth highest mortality. *Highest and lowest general mortality by sections.*

147. And the sections to the south of the line are localities of very high mortality—Khara Talao with a mortality of 64 and Kumbharwada with a mortality of 58.

148. To the south of these sections and the south of this line the mortality declines; for immediately further south is the Market, with a mortality as low as 27; and further south, the Esplanade, a section in which the mortality fell to 16. But further south still, the mortality in the Fort North rises to 34; and further south still, in Middle Colaba, to 48.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY SECTIONS IN 1897.

Wards.	Sections.	Population by Census of 1891.	Number of deaths exclusive of still-born.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	175	40·36
	Colaba... Middle and Lower	13,622	664	48·74
	Fort..... Southern	3,951	35	8·85
	Fort..... Northern	32,847	1,129	34·37
	Esplanade	10,064	169	16·79
B	Mandvi	37,295	2,053	55·04
	Chuckla	32,197	1,682	52·24
	Umarkhari	52,466	3,237	61·69
	Dongri	30,317	1,935	63·82
C	Market	44,751	1,242	27·75
	Dhobi Talao	39,945	1,913	47·89
	Fanaswadi	24,069	712	29·58
	Bhuleshwar	38,363	1,633	42·56
	Khara Talao	27,035	1,749	64·69
	Kumbharwada	32,209	1,890	58·67
D	Khetwadi	28,814	1,359	47·16
	Girgaum	26,999	1,321	48·92
	Chaupati	11,512	290	25·19
	Walkeshwar	12,990	348	26·78
	Mahalakshmi	17,014	577	33·91
E	Mazagon	33,640	1,968	58·50
	Tarwadi	21,298	960	45·07
	2nd Nagpada	18,768	1,971	105·01
	Kamathipura	29,203	2,858	97·86
	Tardeo	18,980	1,513	79·71
	Byculla	47,403	3,826	80·71
	1st Nagpada	11,133	658	59·10
F	Parel	28,740	2,451	85·28
	Sewri	6,063	405	66·79
	Sion	19,601	1,247	63·61
G	Mahim	18,505	1,626	87·86
	Worli	25,493	1,283	50·32
Water Division		22,142	72	3·25
Non-resident and unknown		...	2,945	.....
	Total	821,764	47,896	58·28

The mortality of crowded districts *less* than that of the suburbs.

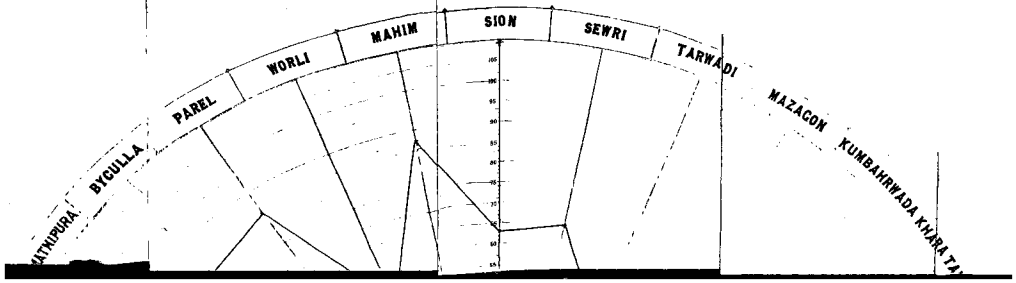
149. It is a most interesting fact that in some of the *most crowded* portions of the central portions of the City the mortality in this year of Plague and of panic was comparatively *low*.

150. In the *sparsely* populated districts in the suburbs, the mortality has been *higher* than in densely populated localities, such as the Market and the Fort North.

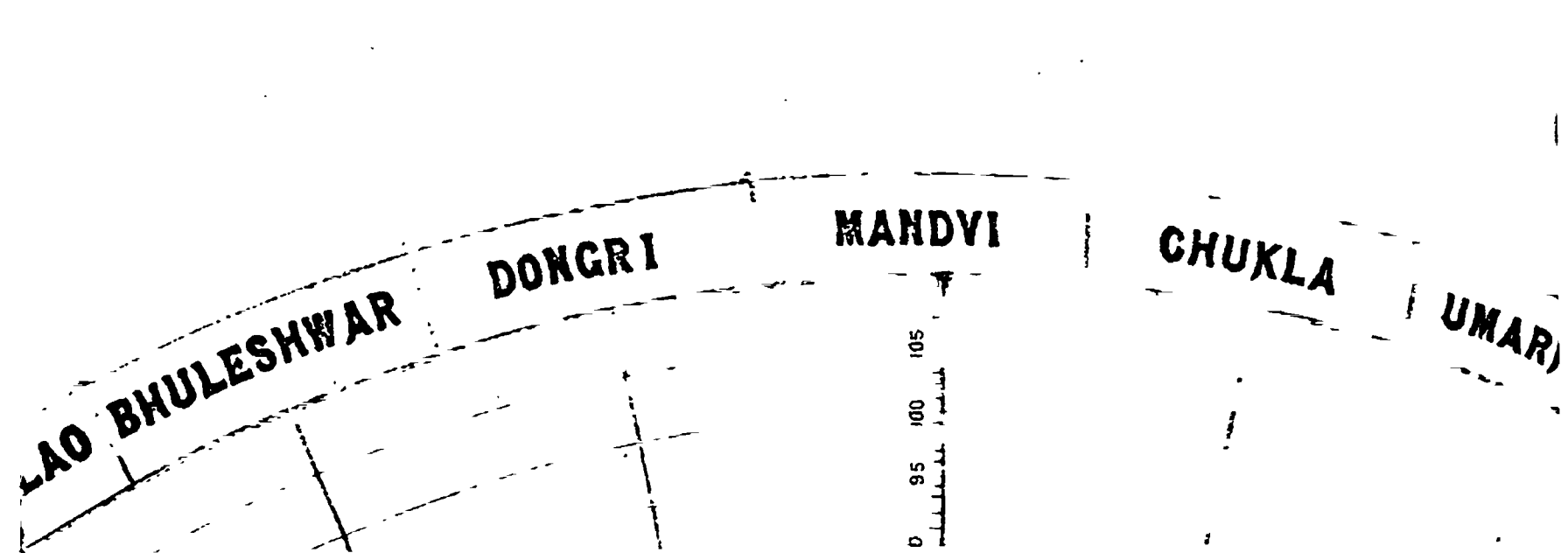
151. This may partly be explained by the *migration* of the people in 1896-97 *from* the City to the suburbs in the north of the Island.

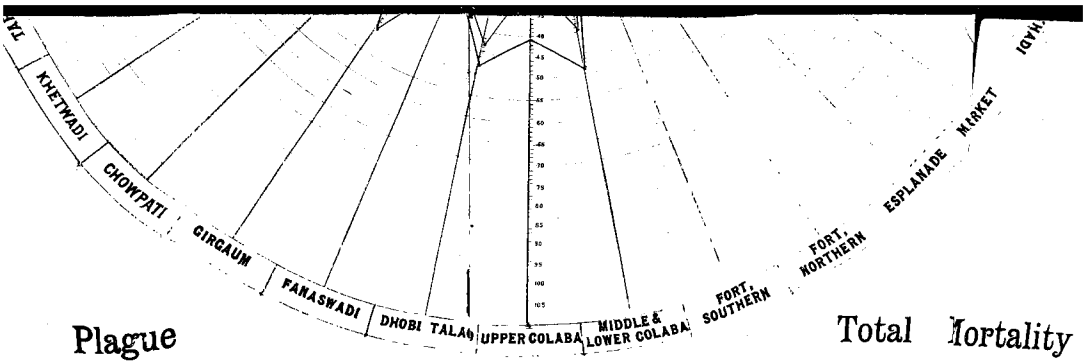
DIAGRAM.

PLAGUE AND TOTAL DEATH RATE PER 1000 OF POPULATION COMPARED



KAR
2nd NAGPADA
1st NAGPADA
MAHALAKSHMI
WALKESHWAR
DEO
1896
1897


LAO
BHULESHWAR
DONGRI
MANDVI
CHUKLA
UMAR
95
100
105


KHETWADI
CHOWPATI
GIRGAUM
FANASWADI
DHOBI TALAO
UPPER COLABA
MIDDLE & LOWER COLABA
FORT, SOUTHERN
FORT, NORTHERN
ESPLANADE
MARKET
Plague
1896
1897
Total Mortality
1896
1897

152. A very great movement of population did take place to the northern suburbs, and the disease did not follow that migration as I pointed out in the Report for 1896.

153. It is also interesting to observe that the mortality in Chaupati for the *whole* year is *lower* than on the favourite hills of Walkeshwar and Mahalakshmi ; and Chaupati extends to the bottom of these hills !

Comparison between chawls in the City and buildings in the suburbs.

154. The old-fashioned building of the suburbs, though it may be in a field, has a number of dark rooms with *less* ventilation than the rooms in the *immense* chawls in the City. Even in the *military* lines on the Esplanade we saw done what the people are doing in the suburbs—verandahs carried out far and so low that the inner rooms were left *without* wholesome light and air. And so it is, although there may be open space around the old-fashioned buildings in the suburbs, there are *inner* rooms in darkness, into which the light from outside *cannot* enter, nor the air freely pass.

Mortality from small-pox.

155. During this year the mortality from small-pox has been very small. 57 deaths were registered, being 644 less than in 1896 and 392 less than the average.

Mortality from small-pox in classes.

156. The mortality was distributed among classes as follows :—

25 deaths in the mass of the Hindoo population.
17 deaths amongst low-caste Hindoos.
14 deaths amongst Mussalman.
1 death amongst Brahmins.

There were *no* deaths from small-pox in *other* classes.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	.....	.....
Brahmins	37,982	1	·02
Lingaets	784	.....	.....
Bhatias	7,891	.....	.....
Hindus of other castes	451,465	25	·05
Do. low-castes	45,169	17	·37
Mussulman	155,101	14	·09
Parsees	47,458	.....	.....
Jews	5,021	.....	.....
Native Christians	29,712	.....	.....
Eurasians	4,330	.....	.....
Europeans	11,290	.....	.....
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	.....	.....	.....
Total.....	821,764	57	·07

Mortality from Small-pox by sections, age and sex.

157. Small as the mortality from small-pox was, the incidence was distributed by sections, as in 1896, when the disease was epidemic. It fell heaviest on the most insanitary and most undrained districts. The greatest number of deaths were registered in the Nagpadas.

158. The mortality from small-pox fell heaviest on females, as in previous years, and in the earliest periods of life.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX BY SECTIONS IN 1897.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	...	...
	Colaba... Middle and Lower	13,622	1	·07
	Fort..... Southern	3,951	...	...
	Fort..... Northern	32,847	...	...
	Esplanade	10,064	...	...
B	Mandvi	37,295	3	·08
	Chuckla	32,197	...	...
	Umarkhadi	52,466	1	·01
	Dongri	30,317	1	·03
C	Market	44,751	1	·02
	Dhobi Talao	39,945	...	...
	Fanaswadi	24,069	...	...
	Bhuleshwar	38,363	1	·02
	Khara Talao	27,035	3	·11
	Kumbharwada	32,209	4	·12
D	Khetwadi	28,814	2	·06
	Girgaum	26,999	1	·03
	Chaupati	11,512	...	...
	Walkeshwar	12,990	...	...
	Mahalakshmi	17,014	...	...
E	Mazagon	33,640	...	...
	Tarwadi	21,298	...	...
	2nd Nagpada	18,768	4	·21
	Kamathipura	29,203	7	·23
	Tardeo	18,980	2	·10
	Byculla	47,403	8	·16
	1st Nagpada	11,133	5	·44
F	Parel	28,740	3	·10
	Sewri	6,063	...	...
G	Sion	19,601	...	...
	Mahim	18,505	1	·05
	Worli	25,493	2	·07
	Water Division	22,142	...	...
	Non-resident and unknown	.....	7	...
	Total.....	821,764	57	·07

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM SMALL-POX AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	11	·88	12,864	8	·62	25,291	19	·75
From 1 to 2 Years.	6,619	7	1·05	6,884	3	·43	13,503	10	·74
„ 2 to 3 „	6,893	2	·29	7,250	3	·41	14,143	5	·35
„ 3 to 4 „	6,368	...	...	6,564	2	·30	12,932	2	·15
„ 4 to 5 „	.....	...	...	.....	...	...	.....	...	...
„ 5 to 9 „	33,969	1	·02	32,229	4	·12	66,198	5	·07
„ 10 to 14 „	47,664	4	·08	30,242	1	·03	77,906	5	·06
„ 15 to 19 „	57,181	...	...	33,598	...	...	90,779	...	...
„ 20 to 24 „	74,160	...	...	37,485	1	·02	111,645	1	·008
„ 25 to 29 „	72,650	4	·05	31,282	2	·06	103,932	6	·05
„ 30 to 34 „	61,687	...	...	27,079	...	...	88,766	...	...
„ 35 to 39 „	38,190	...	...	16,568	1	·06	54,758	1	·01
„ 40 to 44 „	38,287	1	·02	20,182	...	...	58,469	1	·01
„ 45 to 49 „	18,263	1	·05	9,297	...	...	27,560	1	·03
„ 50 to 54 „	20,825	1	·04	13,443	...	...	34,268	1	·02
„ 55 to 59 „	7,251	...	...	4,565	...	...	11,816	...	...
„ 60 and over...	15,659	...	...	14,139	...	...	29,798	...	...
Total.....	518,093	32	·06	303,671	25	·08	821,764	57	·07

159. The mortality under 4 years of age was equal to ·54 against ·02 for the remaining periods of life.

Abstract of the Monthly Return of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1897.

| Months. | PRIMARY VACCINE OPERATIONS. | | |

160. 359 deaths were referred to measles, being 118 more than in 1896, but 155 less than the average. Measles.

161. The distribution of the mortality by classes is the same as in 1896, the highest mortality having occurred amongst Hindu low-caste, and the next highest amongst Mussulman.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	42	3·37	12,864	61	4·74	25,291	103	4·07
From 1 to 2 Years.	6,619	50	7·55	6,884	37	5·37	13,503	87	6·44
„ 2 to 3 „	6,893	27	3·91	7,250	29	4·00	14,143	56	3·95
„ 3 to 4 „	6,368	16	2·51	6,564	12	1·82	12,932	28	2·16
„ 4 to 5 „	.....	15	...	.....	11	...	.....	26	...
„ 5 to 9 „	33,969	16	·47	32,229	29	·89	66,198	45	·67
„ 10 to 14 „	47,664	2	·04	30,242	2	·06	77,906	4	·05
„ 15 to 19 „	57,181	3	·05	33,598	1	·02	90,779	4	·04
„ 20 to 24 „	74,160	3	·04	37,485	...	...	111,645	3	·02
„ 25 to 29 „	72,650	...	...	31,282	2	·06	103,932	2	·01
„ 30 to 34 „	61,687	...	...	27,079	1	·03	88,766	1	·01
„ 35 to 39 „	38,190	...	...	16,568	...	...	54,758	...	...
„ 40 to 44 „	38,287	...	...	20,182	...	...	58,469	...	...
„ 45 to 49 „	18,263	...	...	9,297	...	...	27,560	...	...
„ 50 to 54 „	20,825	...	...	13,443	...	...	34,268	...	...
„ 55 to 59 „	7,251	...	...	4,565	...	...	11,816	...	...
„ 60 and over ...	15,659	...	...	14,139	...	...	29,798	...	...
Total...	518,093	174	·33	303,671	185	·60	821,764	359	·44

162. The mortality by sections follows nearly the same incidence as in 1896, being highest in 2nd Nagpada, Byculla, Tardeo, Kumbharwada, Kharatalao and Kamathipura—all sections of high mortality in 1896. Mortality from Measles by sections and classes.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES BY SECTIONS IN 1897.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba { Upper	4,335	.....	.....
	Colaba { Middle and Lower	13,622	.....	.....
	Fort { Southern	3,951	.....	.....
	Fort { Northern	32,847	3	·09
	Esplanade	10,064	1	·09
B	Mandvi	37,295	25	·67
	Chukla	32,197	15	·46
	Umarkhadi	52,466	25	·47
	Dongri	30,317	21	·69
				·06
C	Market	44,751	3	
	Dhobi Talao	39,945	7	·17
	Fanaswadi	24,069	2	·08
	Bhuleshwar	38,363	22	·57
	Khara Talao	27,035	20	·73
	Kumbharwada	32,209	26	·80
D	Khetwadi	28,814	2	·06
	Girgaum	26,999	5	·18
	Chaupati	11,512	1	·08
	Walkeshwar	12,990	.....	.....
	Mahalakshmi	17,014	.....	.....
E	Mazagon	33,640	9	·26
	Tarwadi	21,298	12	·56
	2nd Nagpada	18,768	36	1·91
	Kamathipura	29,203	21	·71
	Tardeo	18,980	17	·89
	Byculla	47,403	43	·90
	1st Nagpada	11,133	3	·26
F	Parel	28,740	18	·62
	Sewri	6,063	.....	.....
	Sion	19,601	6	·30
G	Mahim	18,505	3	·16
	Worli	25,493	12	·47
Water Division		22,142	.....	.....
Non-resident and unknown		.....	1	.....
	Total	821,764	359	·44

163. As in preceding years, the mortality amongst females was much higher than amongst males.

164. The mortality by age periods was highest under two years of age, and progressively declined.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM MEASLES BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	2	·07
Brahmins	37,982	1	·02
Lingaets	784	.....	.....
Bhatias	7,891	.....	.....
Hindus of other castes	451,465	112	·24
Hindus, low-caste	45,169	136	3·01
Mussalman	155,101	94	·60
Parsees	47,458	7	·14
Jews	5,021	3	·59
Native Christians	29,712	2	·06
Eurasians	4,330	1	·23
Europeans	11,290	1	·0
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	...	.....	.....
Total...	821,764	359	·44

Mortality from Fevers.

165. As the mortality from Plague decreased, the mortality from fevers generally declined.

166. All through this monsoon, in July, August and September, there was a serious increase in the mortality from fevers, concurrently with the prevalence of cholera. In July the mortality from fevers rose to 457, in August to 593, and in September to 567. Through October and November the fever mortality declined to 422 and 324, to again increase in December.

167. The mortality from fevers generally decreased greatly in February. In January, 1,836 deaths were registered from fevers, while in February the number fell to 1,006.

Conjectures as to high Fever mortality in January, etc.

168. It was conjectured that the high mortality in January from fevers was due to deaths from Plague, being included in the general fever mortality. If this occurred in January, it must also have occurred in February.

169. Against this belief is the fact that, after the operations of the Plague Committee commenced, and when concealment of plague cases became more general, the mortality from fevers did not rise.

TABLE SHOWING THE NUMBER OF DEATHS IN 1897 FROM FEVERS BY MONTHS.

Months.	Number of Deaths from Fevers.
January	1,836
February	1,006
March	572
April	283
May	225
June	293
July	457
August	593
September	567
October	422
November	324
December	373
Total	6,951

Mortality from Fevers by classes.

170. The decrease in February in the mortality from fevers occurred amongst all classes except Parsees; and in this class the mortality slightly rose, to be followed by a great decline in March. Again in July the number of deaths from fevers commenced to increase with the rise in the general mortality. The mortality from fevers registered amongst Parsees was exceptionally low, being 2·7. It seems to me that this clearly shows that in the Parsee community deaths from Plague could not have been largely referred to fevers generally. Throughout the monsoon the mortality from fevers amongst Europeans was higher than in the epidemic period of Plague.

Mortality from Fevers less than in 1896.

171. Compared with 1896 the mortality from Fevers was lower in all classes.

172. It is a curious fact that the mortality from fevers amongst Brahmins was below the average.

173. Amongst the Hindu population generally the mortality in 1897 was less than in 1896, and very nearly normal.

174. 6,951 deaths were registered from Fevers, being 1,825 less than in the last year and 95 less than the average. Of the deaths from Fevers, 5,904 were referred to Remittent Fever, being 1,389 less than in the last year but 155 more than the average. 789 were ascribed to simple continued Fever, being 378 less than in the last year and 178 less than the average. 225 were due to Ague, being 55 less than in the last year and 78 less than the average. 33 were referred to Enteric Fever, being 3 less than in the last year but 6 more than the average.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY CLASSES AND MONTHS IN 1897.

Classes.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		TOTAL.	
		No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.	No. of Deaths.	Annual Death-rate per 1,000 of Population.
Jains	25,225	76	36·15	22	10·46	4	1·90	6	2·85	2	·95	4	1·90	8	3·80	9	4·28	12	5·70	11	5·23	17	8·08	15	7·13	186	7·37
Brahmins	37,982	86	27·17	44	13·90	21	6·63	9	2·84	3	·94	7	2·21	6	1·89	19	6·00	15	4·73	13	4·10	10	3·15	9	2·84	242	6·37
Lingaots	784	..	..	..	..	1	15·30	..	..	1	15·30	..	..	1	15·30	1	15·30	2	30·61	..	..	..	..	1	15·30	7	8·92
Bhatias	7,891	15	22·81	12	18·24	3	4·56	5	7·60	1	1·52	1	1·52	2	3·04	3	4·56	3	4·56	..	..	2	3·04	1	1·52	48	6·08
Hindus of other castes.	451,466	1166	30·99	616	16·37	361	9·59	139	3·69	91	2·41	126	3·18	232	6·16	317	8·42	276	7·33	196	5·20	155	4·11	191	5·07	3360	8·54
Do. low-caste	45,169	166	44·10	45	11·95	17	4·51	9	2·39	5	1·32	32	8·50	67	17·79	72	19·12	79	20·98	64	17·00	28	7·43	17	4·51	601	13·30
Mussulman	155,101	262	20·27	217	16·78	142	10·98	96	7·42	95	7·35	102	7·89	112	8·66	131	10·13	138	10·67	105	8·12	92	7·11	118	9·12	1610	10·38
Parsees	47,458	20	5·05	24	6·06	3	·75	3	·75	12	3·03	7	1·76	8	2·02	14	3·53	16	4·04	13	3·28	6	1·51	4	1·01	130	2·73
Native Christians	29,712	37	14·94	20	8·07	17	6·86	9	3·63	9	3·63	10	4·03	14	5·65	12	4·84	22	8·88	13	5·25	8	3·23	9	3·63	180	6·05
Europeans.....	11,290	2	2·12	2	2·12	..	..	4	4·25	..	..	4	4·25	3	3·18	5	5·31	1	1·06	6	6·37	3	3·18	2	2·12	32	2·82

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	186	7·37
Brahmins	37,982	242	6·37
Lingaets	784	7	8·92
Bhatias	7,891	48	6·08
Hindus of other castes	451,465	3,860	8·54
Hindus, low-caste	45,169	601	13·30
Mussalman	155,101	1,610	10·38
Parsees	47,458	130	2·73
Jews	5,021	22	4·38
Native Christians	29,712	180	6·05
Eurasians	4,330	16	3·69
Europeans	11,290	32	2·83
Negro-Africans	146	11	75·34
Buddhists	190	2	10·52
Other and unknown castes	.....	4	.....
Total.....	821,764	6,951	8·46

Mortality from Fevers in certain districts and causes thereof.

175. The highest mortality from fevers occurred in Parel, Sewri, Kamathipura, 2nd Nagpada, Byculla and Tardeo. The high mortality from fevers in these districts may be ascribed to imperfect recognition of Plague. Yet in suburbs, such as Parel, Sewri and Mahim, the discovery of concealed cases was comparatively easy. I ascribe it rather to difficulty of recognition of the disease during life, and neglect of medical assistance.

176. It will be observed that in some of the most crowded localities, as the Market, where concealment of cases is very easy, the mortality from fevers was lower than in the suburbs.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS BY SECTIONS IN 1897.

Mortality from Fevers by sections.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	7	1·61
	Colaba... Middle and Lower	13,622	100	7·34
	Fort..... Southern	3,951	4	1·01
	Fort..... Northern	32,847	182	5·54
	Esplanade	10,064	28	2·78
B	Mandvi	37,295	326	8·74
	Chukla	32,197	227	7·05
	Umarkhadi	52,466	416	7·92
	Dongri	30,317	297	9·79
C	Market	44,751	218	4·87
	Dhobi Talao	39,945	324	8·11
	Fanaswadi	24,069	146	6·06
	Bhuleshwar	38,363	217	5·65
	Khara Talao	27,035	261	9·65
	Kumbharwada	32,209	303	9·40
D	Khetwadi	28,814	219	7·60
	Girgaum	26,999	227	8·40
	Chaupati	11,612	62	5·38
	Walkeshwar	12,990	52	4·00
	Mahalakshmi	17,014	87	5·11
E	Mazagon	33,640	253	7·52
	Tarwadi	21,298	155	7·27
	2nd Nagpada	18,768	264	14·06
	Kamathipura	29,203	415	14·21
	Tardeo	18,980	229	12·06
	Byculla	47,463	602	12·69
	1st Nagpada	11,133	82	7·36
F	Parel	28,740	445	15·48
	Sewri	6,063	93	15·33
	Sion	19,601	182	9·28
G	Mahim	18,505	220	11·88
	Worli	25,493	206	8·08
Water Division		22,142	17	·76
Non-resident and unknown		.....	85	.....
	Total.....	821,764	6,951	8·46

177. The mortality by sex shows that, as in previous years, fevers were most fatal amongst females, though the excess female mortality is not so high as in 1896. The highest fatality was in childhood, and the mortality fell after the fifth year.

Mortality from Fevers by sex and ages.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM FEVERS AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	421	33·87	12,864	408	31·32	25,291	824	32·58
From 1 to 2 Years.	6,619	168	25·38	6,884	198	28·76	13,503	366	27·10
„ 2 to 3 „	6,893	94	13·63	7,250	114	15·72	14,143	208	14·70
„ 3 to 4 „	6,368	73	11·46	6,564	73	11·12	12,932	146	11·28
„ 4 to 5 „	.....	65	...	.....	68	...	.....	133	...
„ 5 to 9 „	38,969	189	5·56	32,229	236	7·32	66,198	425	6·42
„ 10 to 14 „	47,664	289	6·06	30,242	331	10·94	77,906	620	7·95
„ 15 to 19 „	57,181	267	4·66	33,598	189	5·62	90,779	456	5·02
„ 20 to 24 „	74,160	371	5·00	37,485	188	5·01	111,645	559	5·00
„ 25 to 29 „	72,650	513	7·06	31,282	219	7·00	103,932	732	7·04
„ 30 to 34 „	61,687	408	6·61	27,079	212	7·82	88,766	620	6·98
„ 35 to 39 „	38,190	267	6·99	16,568	126	7·60	54,758	393	7·17
„ 40 to 44 „	38,287	290	7·57	20,182	114	5·64	58,469	404	6·90
„ 45 to 49 „	18,263	125	6·84	9,297	74	7·95	27,560	199	7·22
„ 50 to 54 „	20,825	177	8·49	13,443	107	7·95	34,268	284	8·28
„ 55 to 59 „	7,251	60	8·27	4,565	38	8·32	11,816	98	8·29
„ 60 and over ...	15,659	241	15·39	14,139	243	17·18	29,798	484	16·24
Total ...	518,093	4,018	7·75	303,671	2,933	9·65	821,764	6,951	8·46

178. During the rainy season a serious recrudescence of cholera, which has been already described, occurred. 1,265 deaths were registered, being 775 more than in 1896 and 1,001 above the average. Mortality from Cholera in the rains and other seasons.

179. From April to August the mortality progressively increased.

180. Arranged by months, the incidence of the mortality takes the same line as in 1896. There is a marked increase in July, rising to a maximum in the beginning of August.

TABLE SHOWING THE NUMBER OF DEATHS FROM CHOLERA BY MONTHS IN 1897.

Months.	Number of Deaths from Cholera.
January	.....
February	.....
March	.....
April	14
May	19
June	44
July	304
August	607
September	137
October	90
November	33
December	17
Total	1,265

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA IN 1897.

Months.	Cases.	
	Attacks.	Deaths.
January	...	...
February	...	...
March	...	...
April	13	14
May	18	19
June	57	44
July	361	304
August	711	607
September	169	137
October	98	90
November	35	33
December	18	17
Total	1,480	1,265

181. The influence of the proximity of damp ground on the incident of cholera is well shown in the table that follows. Of 1,480 cases, as many as 879, or more than 59·39 per cent. occurred on the ground floor. The influence of damp ground on Cholera.

TABLE SHOWING THE DEATHS FROM CHOLERA IN 1897 ARRANGED BY FLOORS.

Floors.	Attacks.	Deaths.
Ground Floor	879	761
First „	323	279
Second „	133	121
Third „	32	26
Fourth „	3	2
Fifth „	3	2
Boat	*8	6
Unknown	99	68
	1,480	1,265

* Includes two from Railways.

TABLE CONTRASTING THE INCIDENCE OF PLAGUE AND CHOLERA BY GROUND FLOORS DURING THE YEAR 1897.

Plague Cases.		Cholera Cases.	
Ground floor.	Total Cases.	Ground floor.	Total Cases.
7,231	13,314	879	1,480

182. The explanation I believe, is, that;—which I offered last year: the development of cholera germs in the muddy or damp ground around or in dwellings, and the greater exposure of people sleeping on the ground floor to them.

183. In all 1,480 cases were reported, 1,265 of which proved fatal.

Mortality from Cholera in the suburbs.

184. I have already drawn attention to the fact that the mortality from cholera has been highest in the suburbs to the north and south.

TABLE SHOWING THE AVERAGE NUMBER OF PERSONS TO A ROOM AND THE AVERAGE SIZE OF ROOMS WHERE CASES OF CHOLERA OCCURRED IN 1897.

SECTIONS.	Average Number of Persons to a Room.	Average Size of Room.			Cases.
		Length.	Breadth.	Height.	
Middle and Lower Colaba ...	5·7	12·7	9·8	10·9	41
Fort, Northern ...	6·4	14·3	10·8	12·2	64
Esplanade ...	4·0	10·7	9·6	8·3	3
Mandvi ...	3·5	11·8	9·2	8·2	34
Chukla ...	3·7	14·6	12·5	12·0	6
Umarkhardi ...	4·10	9·0	9·3	9·0	25
Dongri ...	4·2	13·0	10·0	9·0	48
Market ...	6·4	12·0	8·7	8·3	68
Dhobi Talao ...	4·2	13·0	10·0	9·0	54
Fanaswadi ...	4·1	16·4	17·2	8·7	37
Bhuleshwar ...	3·0	13·7	10·5	12·5	17
Khara Talao ...	6·1	12·9	8·0	9·0	13
Kumbharwada ...	4·2	10·3	7·8	7·8	46
Khetwadi ...	3·0	12·0	10·3	10·0	32
Girgaum ...	4·6	16·6	11·3	9·7	31
Chaupati ...	3·7	12·5	9·8	9·8	6
Walkeshwar ...	3·6	14·6	12·3	12·0	3
Mahalakshmi ...	4·6	8·1	4·6	5·0	31
Mazagon ...	7·5	17·2	12·6	13·5	60
Tarwadi ...	5·6	9·0	8·6	10·0	13
2nd Nagpada ...	5·0	15·0	8·0	9·0	52
Kamathipura ...	7·6	17·8	12·8	9·8	103
Tardeo ...	8·0	15·2	9·2	7·8	43
Byculla ...	5·7	12·7	9·8	10·9	252
1st Nagpada ...	3·0	8·0	8·0	10·0	15
Parel ...	3·7	9·4	8·0	8·6	81
Sewri ...	2·0	7·0	10·5	8·5	12
Sion ...	4·5	11·0	9·0	7·0	19
Mahim ...	6·3	10·2	8·0	7·8	96
Worli ...	6·5	18·1	8·7	8·5	88
Water Division ...	...	...	...	...	8
Non-Resident and unknown.	...	...	...	...	79

Mortality from Cholera by sections.

185. Byculla and the sections close to it suffered most in the north ; while Middle and Lower Colaba were most affected in the south.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY SECTIONS IN 1897.

Wards.	Sections.	Population by Census of 1891.	No. of Deaths.	Death-rate per 1,000 of Population.
A	Colaba { Upper	4,335	...	... ..
	Colaba { Middle & Lower	13,622	33	2·42
	Fort { Southern	3,951	2	·50
	Fort { Northern	32,847	12	·36
	Esplanade	10,064	17	1·68
B	Mandvi	37,295	31	·83
	Chukla	32,197	8	·24
	Umarkhadi	52,466	25	·47
	Dongri	30,317	53	1·74
C	Market	44,751	34	·75
	Dhobi Talao	39,945	50	1·25
	Fanaswadi	24,069	28	1·16
	Bhuleshwar	38,363	23	·59
	Khara Talao	27,035	22	·81
	Kumbharwada	32,209	41	1·27
D	Khetwadi	28,814	33	1·14
	Girgaum	26,999	17	·62
	Chaupati	11,512	4	·34
	Walkeshwar	12,990	1	·07
	Mahalakshmi	17,014	20	1·17
E	Mazagon	33,640	64	1·90
	Tarwadi	21,298	71	3·33
	2nd Nagpada	18,768	25	1·33
	Kamathipura	29,203	62	2·12
	Tardeo	18,980	34	1·79
	Byculla	47,403	166	3·50
	1st Nagpada	11,133	29	2·60
F	Parel	28,740	90	3·13
	Sewri	6,063	6	·98
	Sion	19,601	23	1·17
G	Mahim	18,505	55	2·97
	Worli	25,493	70	2·74
Water Division		22,142	12	·54
Non-resident and unknown		...	104	.....
	Total.....	821,764	1,265	1·54

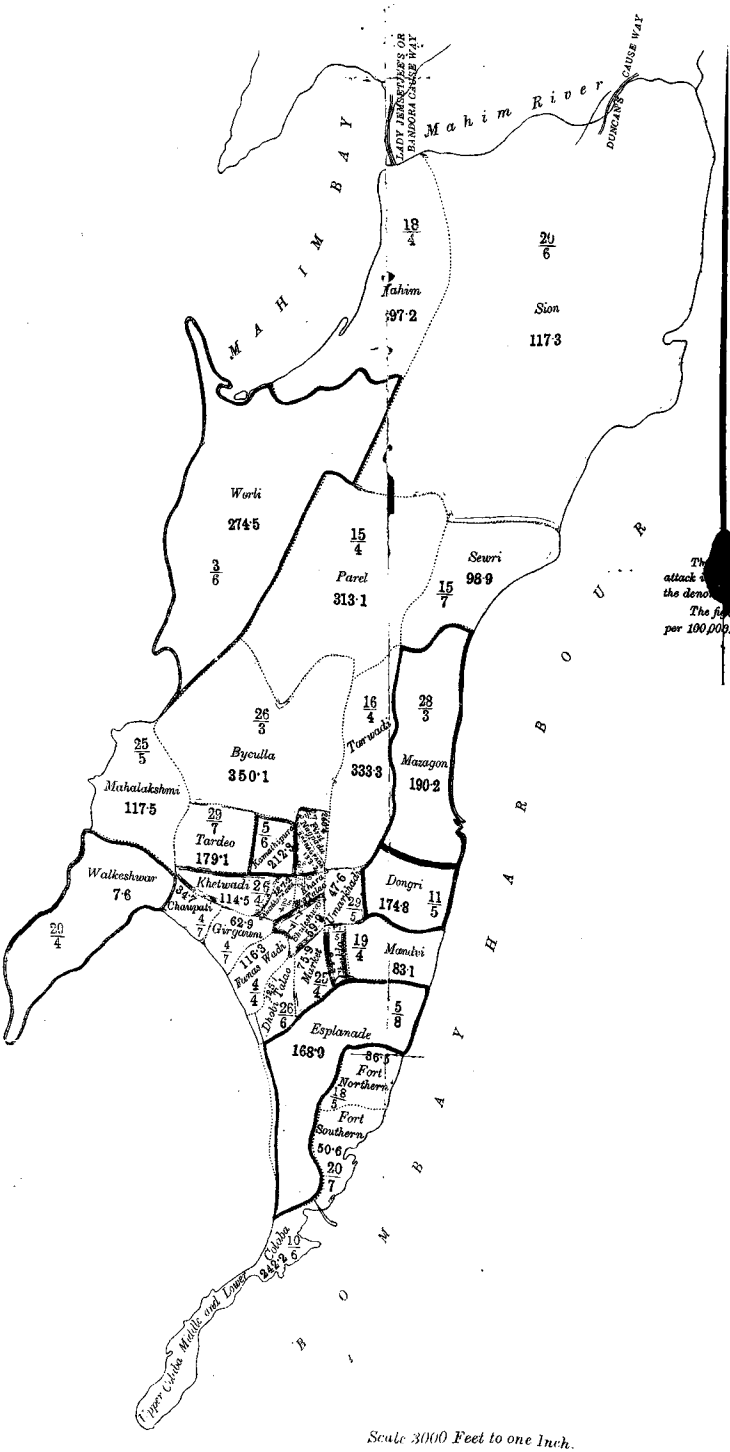
Mortality from Cholera by classes.

186. As in 1896, the highest mortality occurred amongst Hindu low-caste and Native Christians. It is remarkable that the classes who suffered most are probably the classes most careless about their food and water.

CHOLERA.

BOMBAY

REGISTRATION SECTIONS.



1897.

Total Attacks	**1480**
„ Deaths	**1265**

	Per cent.
Proportion of Deaths to attacks ..	85·47
	Per thousand
Death-rate amongst Males	1·52
Death-rate amongst Females ...	1·57

The [illegible]onal figures in red show the date of the 1st attack in each Section, the numerator showing the day and the denominator the month.

The figures in black show the death-rate from Cholera per 100,000. Calculated on the Census of 1891.

Scale 3000 Feet to one Inch.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	15	·59
Brahmins	37,382	24	·63
Lingacts	784	1	1·27
Bhatias	7,891	1	·12
Hindus of other castes	451,465	885	1·96
Hindus, low-caste	45,169	171	3·78
Mussalman	155,101	85	·54
Parsees	47,458	19	·40
Jews	5,021	3	·59
Native Christians	29,712	57	1·91
Eurasians	4,330	.....	.....
Europeans	11,290	3	·26
Negro-Africans	146	.....	.....
Buddhists	190	.....	.....
Other and unknown castes	.....	1	.....
Total ...	821,764	1,265	1·54

187. The mortality by age periods follows the same incidence as in former years, being highest between 30 and 40 years of age. Mortality from Cholera by age and sex.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA IN 1897.

	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Males	953	788	82·79
Females	527	477	90·51

188. The mortality by sex is very nearly equal, being 1·57 amongst females against 1·52 among males.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM CHOLERA AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 year	12,427	6	·48	12,864	9	·69	25,291	15	·59
From 1 to 2 Years.	6,619	6	·90	6,884	15	2·17	13,503	21	1·55
„ 2 to 3 „	6,893	8	1·16	7,250	5	·68	14,143	13	·91
„ 3 to 4 „	6,368	11	1·72	6,564	14	2·13	12,932	25	1·93
„ 4 to 5 „	...	6	...	...	6	...	...	12	...
„ 5 to 9 „	33,969	32	·94	32,229	33	1·02	66,198	65	·98
„ 10 to 14 „	47,664	50	1·04	30,242	28	·92	77,906	78	1·00
„ 15 to 19 „	57,181	41	·71	33,598	23	·68	90,779	64	·70
„ 20 to 24 „	74,160	98	1·32	37,485	50	1·33	111,645	148	1·32
„ 25 to 29 „	72,650	158	2·10	31,282	76	2·42	103,932	229	2·20
„ 30 to 34 „	61,687	106	1·71	27,079	75	2·76	88,766	181	2·08
„ 35 to 39 „	38,190	81	2·12	16,568	30	1·81	54,758	111	2·02
„ 40 to 44 „	38,287	67	1·74	20,182	31	1·53	58,469	98	1·67
„ 45 to 49 „	18,263	35	1·91	9,297	23	2·47	27,560	58	2·10
„ 50 to 54 „	20,825	31	1·48	13,443	25	1·85	34,268	56	1·63
„ 55 to 59 „	7,251	19	2·62	4,565	5	1·09	11,816	24	2·03
„ 60 and over.....	15,659	38	2·42	14,139	29	2·05	29,798	67	2·24
Total...	518,098	788	1·52	303,671	477	1·57	821,764	1,265	1·54

Mortality from Cholera by seasons.

189. The mortality according to the periods of the seasons exhibits the influence of immigration on the occurrence of this disease in Bombay.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO DURATION OF RESIDENCE IN BOMBAY.

Duration of Residence in Bombay.	Cases.	
	Attacks.	Deaths.
Under 3 months	352	211
„ 6 „	217	147

190. Of 1,480 persons attacked, 352 were under 3 months in the City, and 217 between 3 and 6 months.

Mortality from Cholera by source of water-supply.

191. The table following shows that of all the people attacked only 13 used well-water.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO SOURCE OF WATER-SUPPLY IN 1897.

Water-supply.	Cases.		Percentage of Deaths to Attacks.
	Attacks.	Deaths.	
Vehar, Tulsi and Tansa	1,459	1,246	85·40
Well-water	13	11	84·62
Unknown...	8	8	100·00

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PLACE OF BIRTH IN 1897.

Birth-place.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Bombay	248	196	79·03
Elsewhere	1,232	1,069	86·77

Mortality from Cholera by place of birth.

192. The mortality amongst the permanent population was over 7 per cent. lower than amongst immigrants. The mortality according to place of birth, both last year and this year, shows that a permanent population live under conditions much more favourable than the masses who come here to sojourn and labour can hope for.

Phthisis.

193. 5,927 deaths were registered from phthisis, being 1,118 more than in 1896 and 2,153 over the average. The mortality from phthisis follows nearly the same incidence as in former years. It has in each year pointed to the great loss of life caused through seclusion in crowded and ill-ventilated dwellings. The female mortality has been more than double the male, and this loss of life falls on Musalman and high class Hindus. Even amongst poor Hindus, notwithstanding the laborious lives the women live and the privations they have to endure, the mortality is relatively low—under 6 per 1,000.

High mortality amongst women.

194. The *sections* of highest mortality from phthisis are the most overcrowded and ill-ventilated sections of the City. The sections of ill-repute are 2nd Nagpada, Umarkhadi, Chakla, Bhuleshwar, Khara Talao and Kamathipura ; and they have always been sections of the highest mortality, and not one of them has any open space for ventilation and recreation. The mortality from phthisis also indicates that the death registration in 1896 was not so defective as in 1897, exactly the same sections are sections of high mortality in 1897 as in 1896. It was contended in 1896 that, under the mortality from phthisis were registered a number of deaths from Plague. But judging from the statistics of 1897, it does not seem to have occurred to any large extent, nor does the error from this cause appear to have been so serious as was apprehended.

Mortality from Phthisis.

195. The mortality from *phthisis* in 1897 must be viewed with considerable suspicion, as there is little doubt that the enhancement of the phthisical mortality was due to either cases of Plague being mistaken for *phthisis*, or to the concealment of Plague, under this cause. The total mortality—5,927,—is 1,118 higher than in 1896. The distribution of the mortality by *sex* shows that it is 1·39 higher amongst males and 1·31 higher amongst females than in that year.

196. The highest mortality by ages is recorded as life advanced, being highest in the later periods.

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY SECTIONS IN 1897.

Wards.	Sections.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
A	Colaba... Upper	4,335	14	3·22
	Colaba... Middle and Lower	13,622	60	4·40
	Fort..... Southern	3,951	2	·50
	Fort..... Northern	32,847	122	3·71
	Esplanade	10,064	9	·89
B	Mandvi	37,295	381	10·21
	Chukla	32,197	446	13·85
	Umarkhadi	52,466	778	14·82
	Dongri	30,317	219	7·22
C	Market	44,751	201	4·49
	Dhobi Talao	39,945	242	6·05
	Fanaswadi	24,069	100	4·15
	Bhuleshwar	38,363	380	9·90
	Khara Talao	27,035	302	11·17
	Kumbharwada	32,209	316	9·81
D	Khetwadi	28,814	145	5·03
	Girgaum	26,999	210	7·77
	Chaupati	11,512	44	3·82
	Walkeshwar	12,990	17	1·30
	Mahalakshmi	17,014	53	3·11
E	Mazagon	33,640	155	4·60
	Tarwadi	21,298	57	2·67
	2nd Nagpada	18,768	325	17·31
	Kamathipura	29,203	376	12·87
	Tardeo	18,980	126	6·63
	Byculla	47,403	333	7·02
	1st Nagpada	11,133	60	5·38
F	Parel	28,740	162	5·63
	Sewri	6,063	18	2·96
	Sion	19,601	83	4·23
G	Mahim	18,505	98	5·29
	Worli	25,493	65	2·54
Water Division		22,142	2	·09
Non-resident and unknown		...	26	...
	Total...	821,764	5,927	7·21

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS BY CLASSES IN 1897.

Classes.	Population by Census of 1891.	Number of Deaths.	Death-rate per 1,000 of Population.
Jains	25,225	201	7·96
Brahmins...	37,982	244	6·42
Lingacts	784	13	16·58
Bhatias	7,891	67	8·49
Hindus of other castes	451,465	2,520	5·58
Hindus, low-caste	45,169	258	5·71
Mussulman	155,101	2,438	15·71
Parsees	47,458	70	1·47
Jews	5,021	10	1·99
Native Christians	29,712	58	1·95
Eurasians	4,330	9	2·07
Europeans	11,290	4	·35
Negro-Africans	146	30	205·47
Buddhists	190	2	10·52
Other and unknown castes	.....	3	.....
Total ...	821,764	5,927	7·21

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM PHTHISIS AT DIFFERENT PERIODS OF LIFE IN 1897.

Ages.	MALES.			FEMALES.			PERSONS.		
	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.	Population.	No. of Deaths.	Death-rate per 1,000 of Population.
Under 1 Year	12,427	14	1·12	12,864	10	·77	25,291	24	·94
From 1 to 2 Years.	6,619	10	1·51	6,884	22	3·19	13,503	32	2·36
„ 2 to 3 „	6,893	16	2·32	7,250	10	1·37	14,143	26	1·83
„ 3 to 4 „	6,368	16	2·51	6,564	15	2·28	12,932	31	2·39
„ 4 to 5 „	.....	18	...	.....	20	...	.....	38	...
„ 5 to 9 „	33,969	44	1·29	32,229	54	1·67	66,198	98	1·48
„ 10 to 14 „	47,664	119	2·49	30,242	223	7·37	77,906	342	4·38
„ 15 to 19 „	57,121	183	3·20	33,598	291	8·66	90,779	474	5·22
„ 20 to 24 „	74,160	362	4·07	37,485	382	10·19	111,645	684	6·12
„ 25 to 29 „	72,650	335	4·61	31,232	413	13·20	103,982	748	7·19
„ 30 to 34 „	61,687	373	6·04	27,079	404	14·91	88,766	777	8·75
„ 35 to 39 „	38,190	275	7·20	16,568	239	14·42	54,758	514	9·38
„ 40 to 44 „	38,287	322	8·41	20,182	275	13·62	58,469	597	10·21
„ 45 to 49 „	18,263	197	10·78	9,297	149	16·02	27,560	346	2·55
„ 50 to 54 „	20,825	255	12·24	13,443	194	14·43	34,268	449	13·10
„ 55 to 59 „	72,511	95	13·10	4,565	72	15·77	11,816	167	14·13
„ 60 and over ...	15,659	278	17·75	14,139	302	2··35	29,798	580	19·46
Total ...	518,093	2,852	5·50	303,671	3,075	10·12	821,764	5,927	7·21

197. 7,857 deaths from diseases of the respiratory system, being 2,523 more than in 1896 and 2,970 more than the average, were registered.

198. Of these deaths from diseases of the respiratory system, 4,830 were referred to bronchitis, being 1,809 more than in the last year and 1,893 more than the average, and 1,332 were referred to pneumonia, being 258 less than in the last year but 41 more than the average. The mortality from diseases of the respiratory system was *highest* in 2nd Nagpada, Kharatalao, Kamathipura, Umarkhadi, Chukla and Dongri. These are also the sections of highest mortality from phthisis All these sections have great density of buildings and an overcrowded population.

Mortality from diseases of the Respiratory system.

Mortality from diseases of the Digestive System.

199. The mortality from diseases of the digestive system has been 1,563 more than in 1896 and 1,985 more than the average.

200. The mortality from diseases of the digestive system has been in excess of the last year and of the average. The high mortality from diseases of the digestive system was due to the prevalence of Plague in the monsoon, and to deaths from that disease not being recognised, or referred to choleraic affections. 4,668 deaths were referred to diseases of the digestive system. Of this mortality 1,869 were ascribed to diarrhœa, being 256 more than in 1896 and 520 above the average. 1,682 deaths were registered from dysentery, being as many as 945 more than in 1896 and 1,025 in excess of the average. To all other diseases of the digestive system 1,117 deaths were referred, being 362 more than in 1896, and 440 more than the average.

Mortality from different causes.

201. From diseases of the *nervous system* 2,141 deaths were registered, being 131 less than in 1896 and 85 less than the average.

202. To diseases of the *circulatory system* 233 deaths were referred, being 56 more than in 1896 and 57 above the average.

203. From diseases of the *urinary system* 135 deaths were registered, being 51 more than in 1896 and 51 more than the average.

204. To the *generative system* 530 deaths were referred, being 160 more than in 1896 and 255 more than the average.

205. To diseases of the organs of *locomotion and cellular tissue* 161 deaths were registered, being 33 more than in 1896 and 65 more than the average.

206. From affections of the *cutaneous system* 64 deaths were registered, being 37 more than in 1896 and 34 more than the average.

207. To *dropsy* 195 deaths were referred, being 93 more than in 1896 and 66 more than the average.

208. From *leprosy* 63 deaths were registered, being 9 more than in 1896 and 14 more than the average.

209. To *whooping cough* 231 deaths were referred, being 57 more than in 1896.

210. From diseases of the *eye*, *ear* and *nose* 15 deaths were registered.

211. To *old age or debility* 3,206 deaths were ascribed. We might

expect at this time, when famine and pestilence prevailed, a great increase in the deaths referred to old age or debility ; and, as will be observed, the mortality referred to these causes is 442 more than in 1896.

212. The number of *premature births* is 10 less than in 1896 and 9 less than the average.

213. There is an increase in the mortality from *accidents* and *violence*. 520 were registered, being 33 more than in 1896 and 78 more than the average.

214. The class of general injuries account for 253 deaths, and local injuries for 137.

Removal of kutchra or refuse.

215. The works on the ' Flats ' for the removal of the refuse outside the Island have been commenced. I recommended a position at some distance from the Railway line for the *tipping* station, or the point at which the refuse will be tilted into Railway trucks from the carts conveying it from the City to the ' Flats,' as I was apprehensive that the position selected for a *tipping* station near the Railway line might be a nuisance at times. The position was changed and removed away from the Railway line. The change of position added to the expenditure, but it prevented a nuisance. The removal of the refuse outside the Island is a most important measure, and likely to have a very favourable influence on the health of the Island.

Progress in 1897.

216. One great danger to the public health will be removed with the removal of the refuse. This is one of many important works being carried out during the year. Notwithstanding the epidemic of Plague, progress has been made in the construction of open drains and house connections. Some excellent house connections have been made in Parel and other localities and during the next year great progress may be expected in the abatement of nuisances caused by absence of connections between buildings and sewers or by the absence of drains. The year has been one of distinct progress in house sanitation. Great improvements have been effected in house drainage, and great improvements in house ventilation.

217. From the table following showing the number of cart-loads of refuse incinerated, it will be observed that very large use was made of the Incinerator during this year. The Incinerator was extremely useful for the combustion of refuse from the infected localities of Mandvi. 37,057 cart-loads, or say, some 18,000 tons, were burnt. The experience of this year has shown to us how valuable an Incinerator may be.

Burning of refuse.

218. Large quantities of refuse were also burnt in the small Incinerator in Kamathipura, and on the streets and in open spaces, wherever it was possible. During the fair season dry refuse ought to be burnt either on the streets where it can be done, or on any open pieces of ground.

Births.

219. 9,336 living and 1,368 still-born births were registered, being 6,554 less than in the last year. Of the living births 4,903 were males and 4,433 females. The proportion of males to females by the census of 1891 was as 170·60 to 100, and, assuming that there were 100 females to 100 males, the birth-rate would be equal to 19·38 per 1,000 of population.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE IN EACH SECTION IN 1897.

Wards.	Sections.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population.
A	Colaba { Upper	4,335	85	19·60
	Colaba { Middle and Lower	13,622	179	13·14
	Fort { Southern	3,951	9	2·27
	Fort { Northern	32,847	514	16·56
	Esplanade	10,064	44	4·37
B	Mandvi	37,295	297	7·96
	Chukla	32,197	361	11·21
	Umarkhari	52,466	549	10·46
	Dongri	30,317	298	9·82
C	Market	44,751	309	6·90
	Dhobi Talao	39,945	478	11·96
	Panaswadi	24,069	231	9·59
	Bhuleshwar	38,363	219	5·70
	Khara Talao	27,035	263	9·72
	Kumbharwada	32,209	286	8·87
D	Khetwady	28,814	479	16·62
	Girgaum	26,999	233	8·62
	Chaupati	11,512	117	10·16
	Walkeshwar	12,980	91	7·00
	Mahalakshmi	17,014	172	10·10
E	Mazagon	33,640	475	14·12
	Tarwadi	21,298	192	9·01
	2nd Nagpada	18,768	357	19·02
	Kamathipura	29,203	316	10·82
	Tardeo	18,980	306	16·12
	Byculla	47,403	936	19·74
	1st Nagpada	11,133	179	16·07
F	Parel	28,740	235	8·17
	Sewri	6,063	58	9·56
	Sion	19,601	193	9·84
G	Mahim	18,505	407	21·99
	Worli	25,493	336	13·18
	Water Division	22,142	1	·04
	Non-resident and unknown	.....	101	.....
	Total	821,764	9,336	11·36

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE IN EACH CLASS DURING 1897.

Classes.	Population by Census of 1891.	Number of Births.	Birth-rate per 1,000 of Population.
Jains	25,225	136	5·39
Brahmins	37,982	152	4·00
Lingaets	784	9	11·47
Bhatias	7,891	57	7·22
Hindus of other castes	451,465	4,021	8·90
Do. low-caste	45,169	1,249	27·65
Mussalman	155,101	1,975	12·73
Parsees	47,458	1,002	21·11
Jews	5,021	123	24·49
Native Christians	29,712	363	12·21
Eurasians	4,330	80	18·47
Europeans	11,290	164	14·52
Negro-Africans	146	4	27·39
Buddhists	190	1	5·26
Other and unknown castes	.....	.....	.....
Total	821,764	9,386	11·36

Table showing the Number of Births registered in the City of Bombay in each Year from **1866** *to* **1897.**

Class or Race.	1866		1867		1868		1869		1870		1871		1872		1873		1874		1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887		1888		1889		1890		1891		1892		1893		1894		1895		1896		1897		Class or Race.
	5,904		5,115		5,544		5,488		5,140		5,837		13,135		12,722		12,935		13,291		13,626		13,886		14,036		14,559		17,247		16,338		15,366		15,182		14,637		14,964		14,909		15,428		16,760		15,493		15,668		15,518		15,485		15,218		15,068		15,684		15,890		9,336		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
	1866		1867		1868		1869		1870		1871		1872		1873		1874		1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887		1888		1889		1890		1891		1892		1893		1894		1895		1896		1897		
Hindus	2163	1710	1839	1377	1946	846	1021	829	783	650	1891	1752	4474	4078	4412	4157	4438	4206	4659	4468	4697	4440	4721	4320	4745	4458	5148	4871	6212	5213	5736	5212	5049	4678	5028	4652	4871	4461	4904	4557	4860	4569	5086	4767	5551	5116	5087	4689	5118	4800	5068	4773	5183	4800	4987	4796	4998	4602	5230	4876	5135	4765	3928	3686	Hindus.
Mussalman	747	531	495	463	452	428	544	448	385	456	623	526	1228	1237	1230	1024	1230	1163	1226	1187	1375	1250	1512	1363	1642	1292	1573	1389	1899	1669	1806	1603	1716	1643	1741	1539	1673	1502	1697	1631	1703	1553	1756	1656	1930	1755	1864	1709	1679	1706	1746	1642	1719	1666	1646	1443	1675	1505	1636	1471	1642	1679	1065	890	Mussalman.
Parsees	276	231	435	414	271	204	187	169	207	147	262	263	659	575	640	553	568	549	599	533	618	580	630	635	601	628	696	540	768	643	654	671	745	720	701	672	647	620	699	683	706	617	676	645	733	768	676	604	729	679	667	677	663	618	720	849	660	650	723	699	731	696	615	487	Parsees.
Christians	130	97	189	178	148	116	130	113	136	143	199	174	389	313	334	295	332	278	327	280	302	295	296	335	314	289	331	304	460	300	423	416	402	428	380	369	360	341	409	367	351	344	403	369	390	384	382	353	359	337	411	388	390	382	434	388	387	392	467	399	456	449	305	305	Christians.
Negro-Africans .	6	4	6	2	1	1	..	1	3	3	5	9	13	9	15	10	4	..	2	1	4	7	1	3	5	6	2	4	5	2	6	7	3	3	1	1	5	3	3	2	7	9	5	5	9	3	8	6	11	5	8	3	5	9	6	8	6	6	5	4	5	4	1	3	Negro-Africans.
Jews	4	4	6	2	20	3	23	14	16	18	19	21	32	32	24	28	30	29	25	26	23	32	32	29	31	24	40	30	43	42	38	50	30	43	51	47	55	44	53	51	64	44	73	50	75	61	74	61	74	72	75	68	88	67	79	57	90	74	78	82	97	76	69	54	Jews.
Buddhists	1	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	..	1	1	1	..	1	..	2	..	..	1	..	1	1	..	1	1	..	..	1	1	1	..	..	..	2	1	1	2	2	2	1	2	1	1	..	1	2	1	1	1	..	1	Buddhists.
Unknown	..	..	1	1	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1	2	1	1	2	1	..	..	1	..	1	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	Unknown.
Total ..	3326	2578	2671	2444	2938	1804	1912	1576	1733	1405	2992	2745	6894	6241	6853	6067	6609	6227	6894	6457	7020	6606	7103	6691	7539	6699	7736	6823	9388	7869	8675	7963	7945	7421	7909	7280	7634	7003	7767	7202	7772	7137	7992	7437	8669	8091	8064	7429	7965	7609	7984	7554	8045	7440	7878	7343	7828	7230	8150	7534	8267	7623	4903	4433	Total.

220. The total ordinary expenditure on the Health Department came to Rs. 14,16,347-3-4, while the income amounted to Rs. 8,29,721-0-1. The actual cost of the Health Department to the Municipality was therefore Rs. 5,86,626-3-3. In addition to this an extraordinary expenditure, which amounted to Rs. 5,97,002-2-8, was incurred during the year on account of special sanitary measures necessary to deal with the outbreak of Plague.

221. On an average 4,505·9 men and women and 1,016·0 scavengering and drain carts and 208·66 night-soil and cess-pool carts were at work.

222. The collection of garbage or kutchra is more than in the previous year by 212·97 tons per day; 404,284·88 tons of garbage, equal to 1,107·63 tons a day, were collected and removed and disposed of against 326,552·20 tons in 1896. The Health Department had to remove an enormous amount of grain refuse and other materials condemned during the Plague operations.

223. 156,057·09 tons of night-soil and cesspool matter, equal to 427·55 tons a day, were collected and removed against 160,670·30 in 1896.

224. 173·6 miles of covered drains were opened and cleaned against 191·6 in 1896.

225. 5,077 notices and 2,489 summonses were issued against 5,507 notices and 2,650 summonses in 1896.

226. The amount of fines recovered amounted to Rs. 2,546 against Rs. 2,287 in 1896.

227. 637 building plans were received and disposed of against 1,028 in 1896.

228. For the use of the public Dhobiwada Rs. 16,672 were recovered against Rs. 16,985 in 1896.

1897—The work accomplished.

229. In the table following will be found a record of the most important work done during the year 1897. The work of the department proceeded with the utmost regularity during the whole of this year of pestilence and famine. Not once was it interrupted, while all other business was either interrupted or stopped. I have to bring to your notice the invaluable services rendered by the staff to save the city, and I would especially bring to your notice the Assistant Health Officer, Mr. Leask, and the medical men and inspectors. After the appointment of the Plague Committee, the Health Department had still to be called in to perform duties that were dangerous and unpleasant and that no other men would perform. Even the municipal horse ambulances, once so abused, became in favor again before the year was out, and people often preferred them; and for long distances they were always used.

TABLE SHOWING THE NUMBER OF CART-LOADS OF KUTCHRA BURNT AT THE GARLICK INCINERATOR IN 1897.

1897.	Number of Days at work.	Number of Cart-loads of Kutchra burnt.	REMARKS.
January	26	3,377	
February	25	3,252	
March	25	2,605	
April	23	2,407	
May	27	3,408	
June	22	1,704	
July	21	1,869	
August	21	1,851	
September...	22	1,930	
October	30	3,458	
November	30	5,932	
December	26	3,060	
Total ...	298	34,853	
Crawford Market refuse ...	...	2,204	
Grand Total ...	298	37,057	

1896.	Details.	1897.
Rs. 7,84,830 6 0	Total Income of the Health Department	Rs. 8,29,721 0 1
„ 12,53,290 12 6	Total ordinary expenditure on different heads.	„ 14,16,347 3 4
„ 4,68,464 6 6	Cost of the Health Department to the Municipality.	„ 5,86,626 3 3
„ 2,18,239 7 8	Expenditure incurred by the Health Department on account of special sanitary measures in connection with the outbreak of Plague.	„ 5,97,002 2 8
No. 4,436·7	Average number of men and women daily at work.	No. 4,505·9
„ 1,027·6	Average daily working strength, carts, scavengering and drain-cleaning.	„ 1,016·0
204·36	Average night-soil and cess-pool carts	„ 208·66
„ 47,710	Letters registered, outward	„ 45,343
„ 17,697	Do. inward	„ 18,911
„ 5,507	Notices issued	„ 5,077
„ 2,650	Summonses issued.....	„ 2,489
Rs. 2,287 0 0	Amount of fines inflicted by Magistrates	Rs. 2,546 0 0
Tons 326,552·20	Total weight of garbage collected	Tons 404,284·88
„ 892·22	Average tons per day	„ 1,107·68
„ 160,670·30	Night-soil and cess-pool matter collected.....	„ 156,057·09
„ 438·99	Average tons per day	„ 427·55
Miles 191·6	Miles of covered drains opened and cleaned ...	Miles 173·6
Rs. 7,002 4 0	Amount received for sending carcasses to Coorla.	Rs. 5,542 4 0
No. 13,659	Total animals sent to Coorla	No. 10,768
„ 7,717	Total number of graves	„ 12,956
Rs. 3,564 6 0	Amount received for digging graves	Rs. 3,269 4 0
„ 16,985 0 0	Amount of Dhobiwada fees	„ 16,672 0 0
No. 1,028	Building plans received and disposed of	No. 687
„ 881	Number of cremations at the Haines Road Cemetery.	„ 4,464

T. S. WEIR,
Health Officer.

No. Y.

TABLE showing the Population and the Number of Births and the Birth-rate by Sex and by Sections in the year 1897.

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of Persons under one year.	Number of Persons of one year and under 5 years.*	BIRTHS. Number of Births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of Males to every 100 female Births.	Number of Still-born.	SECTIONS.	Wards.
A	Colaba.. Upper ..	4 335	3,155	1,180	146	....	35	34	51	19·60	66·66	6	Upper ..	
	Colaba.. Middle	13,822	8,759	4,863	385	....	179	89	90	13·14	98·88	20	Middle ...Colaba	
	Colaba.. Lower												Lower	A
	Fort, Southern ..	3,961	3,064	897	77	.....	9	3	6	2·27	50·00	2	Fort, Southern ..	
	Fort, Northern ..	32,847	19,340	13,507	1,018	....	544	270	274	16·56	98·54	66	Fort, Northern ..	
	Esplanade ..	10,064	7,145	2,919	257	....	44	23	21	4·37	109·52	8	Esplanade ..	
B	Mandvi ..	37 295	22,981	14,314	1,129	....	297	149	148	7·96	100·67	52	Mandvi ..	
	Chukla ..	32,197	19,633	12,564	1,151	....	361	199	162	11·21	122·83	74	Chukla ..	
	Umarkhadi ..	52,466	31,068	21,398	1,781	....	549	284	265	10·46	107·16	105	Umarkhadi ..	B
	Dongri ..	30,317	18,680	11,637	1,030	....	298	161	137	9·82	117·51	55	Dongri ..	
	Market ..	44,751	30,126	14,625	1,231	....	302	173	136	6·90	127·20	35	Market ..	
C	Dhobi Talao..	39,945	24,508	15,437	1,258	....	478	247	231	11·96	106·92	58	Dhobi Talao..	
	Fanuswadi ..	21,069	15,420	8,649	719	....	231	106	125	9·59	84·80	24	Fanuswadi ..	
	Bhuleshwar ..	38,363	25,101	13,262	1,059	....	219	119	100	5·70	119·00	48	Bhuleshwar ..	C
	Khara Talao ..	27,035	16,660	10,375	809	....	263	139	124	9·72	112·09	56	Khara Talao ..	
	Kumbharwada ..	32,209	20,142	12,067	973	....	286	145	141	8·87	102·83	40	Kumbharwada ..	
D	Khetwadi ..	28,814	18,069	10,745	956	....	479	257	222	16·62	115·76	28	Khetwadi ..	
	Girgaum ..	26,999	16,806	10,193	865	....	233	128	105	8·62	121·90	47	Girgaum ..	
	Chaupati ..	11,512	7,011	4,501	369	....	117	67	50	10·16	134·00	7	Chaupati ..	D
	Walkeshwar..	12,990	8,203	4,787	453	....	91	53	38	7·00	139·47	7	Walkeshwar..	
	Mahalakshmi ..	17,014	10,734	6,280	457	.....	172	84	88	10·10	95·45	16	Mahalakshmi ..	
E	Mazagon ..	33,640	20,413	13,227	1,063	.....	475	252	223	14·12	113·00	67	Mazagaon ..	
	Tarwadi ..	21,298	13,587	7,711	697	.. .	192	97	95	9·01	102·10	28	Tarwadi ..	
	2nd Nagpada ..	18,768	10,962	7,806	804	....	357	199	158	19·02	125·94	49	2nd Nagpada ..	
	Kamathipura ..	29,203	16,742	12,461	918	....	316	173	143	10·82	120·97	60	Kamathipura ..	E
	Tardeo ..	18,980	11,403	7,577	639	....	306	160	146	16·12	109·58	31	Tardeo ..	
	Byculla ..	47,403	29,557	17,846	1,457	....	936	468	468	19·74	100·00	122	Byculla ..	
	1st Nagpada ..	11,133	6,674	4,459	382	....	179	96	83	16·07	115·66	15	1st Nagpada..	
F	Parel ..	28,740	18,008	10,732	855	....	235	135	100	8·17	135·00	64	Parel	
	Sewri ..	6,063	3,767	2,296	162	....	58	29	29	9·56	100·00	8	Sewri	F
	Sion	19,601	11,993	7,618	767	....	193	110	83	9·84	132·53	32	Sion	
G	Mahim ..	18,505	10,838	7,667	625	....	407	208	199	21·99	104·52	40	Mahim ..	G
	Worli ..	25,493	15,755	9,738	845	....	336	188	148	13·18	127·02	37	Worli	
	Water Division ..	22,142	21,799	343	54	....	1	....	1	·04	....	....	Water Division ..	
	Non-Resident and Unknown ..	.....	....	....	....	....	101	58	43	....	.....	61	Non-Resident and Unknown ..	
	Total ..	821,764	518,093	303,671	25,291	.....	9,336	4,903	4,433	11·36	110·60	1,368	Total ..	

	Persons.	Males.	Females.	Number of Persons under one year.	Number of Persons of one year and under 5 years.*	Number of Births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of Males to every 1,000 female Births.	Number of Still-born.
	POPULATION.					BIRTHS.					

* Population according to 1891 is not available.

No. 2.

TABLE showing the Number of Deaths and the Death-rate per 1,000 of Population by Sections in 1897.

Wards.	SECTIONS.	Persons.		Males.		Females.		Number of persons under one year.		Number of persons of one year and under five years.		SECTIONS.	Wards.
		Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.*		
A	Upper Colaba...	175	40·36	104	32·96	71	60·16	26	178·08	45	...	Upper Colaba	A
	Mid. & Lower Colaba ...	664	48·74	417	47·60	247	50·79	94	244·15	143	...	Mid. & Lower Colaba ...	
	Fort, Southern.	35	8·85	20	6·52	15	16·91	5	64·93	8	...	Fort, Southern.	
	Fort, Northern.	1,129	34·37	642	33·19	487	36·05	157	154·22	247	...	Fort, Northern	
	Esplanade ...	169	16·79	115	16·09	54	18·49	21	81·71	35	...	Esplanade ...	
B	Mandvi ...	2,053	55·04	1,176	51·17	877	61·36	331	293·17	506	...	Mandvi ...	B
	Chukla ...	1,682	52·24	900	45·84	782	62·24	311	270·19	490	...	Chukla ...	
	Umarkhadi ...	3,237	61·69	1,705	54·87	1,532	71·59	525	294·77	849	...	Umarkhadi ...	
	Dongri ...	1,935	63·82	1,023	54·76	912	78·37	432	419·41	684	...	Dongri ...	
C	Market ...	1,342	27·75	752	24·96	490	33·50	161	130·98	274	...	Market ...	C
	Dhobi Talao ...	1,918	47·89	1,133	46·18	781	50·59	255	202·70	407	...	Dhobi Talao ...	
	Fanaswadi ...	712	29·58	405	26·26	307	35·49	82	114·04	147	...	Fanaswadi ...	
	Bhuleshwar ...	1,638	42·56	938	37·36	695	52·40	218	205·85	345	...	Bhuleshwar ...	
	Khara Talao ...	1,749	64·69	955	57·32	794	76·53	287	319·24	482	...	Khara Talao ...	
	Kumbharwada.	1,890	58·67	1,070	53·12	820	67·95	267	274·40	411	...	Kumbharwada	
D	Khetwadi ...	1,359	47·16	768	42·50	591	55·00	195	203·97	322	...	Khetwadi ...	D
	Girgaum ...	1,221	48·92	791	47·06	530	51·99	146	168·78	241	...	Girgaum ...	
	Chaupati ...	290	25·19	158	22·53	132	29·32	27	73·17	45	...	Chaupati ...	
	Walkeshwar ...	348	26·78	224	27·30	124	25·90	28	61·81	57	...	Walkeshwar ...	
	Mahalakshmi...	577	33·91	338	31·48	239	38·05	50	107·06	90	...	Mahalakshmi...	
E	Mazagon ...	1,968	58·50	1,114	54·57	854	64·56	338	317·96	518	...	Mazagaon ...	E
	Tarwadi ...	960	45·07	535	39·37	425	55·11	202	289·81	304	...	Tarwadi ...	
	2nd Nagpada...	1,971	105·01	1,022	93·23	949	121·57	292	483·44	531	..	2nd Nagpada...	
	Kamathipura..	2,858	97·86	1,562	93·29	1,296	104·00	429	467·32	689	...	Kamathipura...	
	Tardeo ...	1,513	79·71	852	74·71	661	87·23	255	399·06	435	...	Tardeo... ...	
	Byculla ...	3,826	80·71	2,136	72·26	1,690	94·69	632	433·76	1,097	...	Byculla ...	
	1st Nagpada ...	638	59·10	351	52·59	307	68·84	122	319·37	204	...	1st Nagpada ...	
F	Parel	2,451	85·28	1,419	78·79	1,032	96·16	349	408·18	608	...	Parel	F
	Sewri	405	66·79	227	60·26	178	77·52	40	246·91	66	...	Sewri	
	Sion	1,247	63·61	668	55·74	579	76·00	165	215·12	271	...	Sion	
G	Mahim ...	1,626	87·86	904	83·41	722	94·16	149	238·40	257	...	Mahim ...	G
	Worli	1,283	50·32	739	46·90	544	55·86	144	170·41	261	...	Worli	
	Water Division	72	3·25	66	3·02	6	17·49	5	92·59	6	...	Water Division	
	Non-resident and unknown	2,945	...	2,186	...	759	...	68	...	120	...	Non-Resident & unknown...	
	Total ...	47,896	58·28	27,414	52·91	20,482	67·44	6,808	269·18	11,225	...	Total ...	
		Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.	Number of Deaths.	Per 1,000 of Population.		
		Persons.		Males.		Females.		Number of Persons under one year.		Number of Persons of one year and under 5 years.			

* Calculations not worked out as the population is not available.

No. 37

TABLE showing the Number of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1897.

Wards.	Sections.	Deaths.		Cholera.		Small-pox.		Measles.		Fevers.		Respiratory System.		Diarrhœa and Dysentery.		Injuries.		Plague.		All other causes except still-born.		Sections.	Wards.
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number deaths.	Per 1,000 of population.	Number deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.		
A	Upper Colaba	175	40·36	..	..	..	..	..	..	7	1·61	12	2·76	29	6·68	2	·46	50	11·53	75	17·30	Upper Colaba	A
	Middle and Lower Colaba	684	48·74	33	2·42	1	·07	..	...	100	7·24	90	6·60	38	2·78	16	1·17	189	13·87	197	14·46	Middle and Lower Colaba	
	Fort, Southern	35	8·85	2	·50	..	..	..	..	4	1·01	6	1·51	2	·50	1	·25	7	1·77	13	3·29	Fort, Southern	
	" Northern	1,129	31·37	12	·36	..	..	3	·09	182	5·54	159	4·84	70	2·13	15	·46	216	6·57	472	14·36	" Northern	
	Esplanade	169	16·79	17	1·68	..	...	1	·09	28	2·78	31	3·08	10	·99	4	·39	33	3·27	45	4·47	Esplanade	
B	Mandvi	2,053	55·04	31	·83	3	·08	25	·67	326	8·74	372	9·97	159	4·20	19	·50	334	8·95	786	21·07	Mandvi	B
	Chukla	1,682	52·24	9	·24	..	..	15	·46	227	7·05	446	13·85	93	2·88	14	·43	81	2·51	798	24·78	Chukla	
	Umarkhadi	3,237	61·69	25	·47	1	·01	26	·47	416	7·92	785	14·96	194	3·69	23	·43	259	4·93	1,509	28·76	Umarkhadi	
	Dongri	1,935	63·82	53	1·74	1	·03	21	·69	297	9·99	395	13·02	177	5·83	21	·69	267	8·80	703	23·18	Dongri	
	Market	1,242	27·75	34	·75	1	·02	3	·06	218	4·87	213	4·75	102	2·27	20	·44	182	4·06	469	10·45	Market	
	Dhobi Talao	1,913	47·89	50	1·25	..	..	7	·17	324	8·11	281	7·03	119	2·97	15	·37	367	9·18	750	18·77	Dhobi Talao	
C	Fanaswadi	712	29·58	28	1·16	..	..	2	·08	146	6·06	86	3·57	53	2·20	1	·04	126	5·23	270	11·21	Fanaswadi	C
	Bhuleshwar	1,633	42·56	23	·59	1	·02	22	·57	217	5·65	380	9·90	108	2·81	15	·39	151	3·93	716	18·66	Bhuleshwar	
	Khara Talao	1,749	64·69	22	·81	3	·11	20	·73	261	9·65	471	17·42	98	3·62	19	·70	118	4·36	737	27·26	Khara Talao	
	Kumbharwada	1,890	58·67	41	1·27	4	·12	26	·80	303	9·40	309	9·59	148	4·59	14	·43	391	12·13	654	20·30	Kumbharwada	
D	Khetwadi	1,159	47·16	33	1·14	2	·06	2	·06	219	7·60	220	7·63	104	3·60	18	·62	272	9·43	483	16·97	Khetwadi	D
	Girgaum	1,321	48·92	17	·62	1	·03	5	·18	227	8·40	169	6·25	113	4·18	8	·29	258	9·55	523	19·37	Girgaum	
	Chaupati	290	25·19	4	·34	..	..	1	·08	62	5·38	30	2·60	25	2·17	4	·34	52	4·51	112	9·72	Chaupati	
	Walkeswar	348	26·78	1	·07	..	..	..	..	52	4·00	59	4·54	27	2·07	7	·53	125	9·62	77	5·92	Walkeswar	
	Mahalakshmi	577	33·91	20	1·17	..	..	..	..	87	5·11	69	4·05	45	2·64	..	..	219	12·87	137	8·05	Mahalakshmi	
E	Mazagon	1,368	58·50	64	1·90	..	..	9	·26	253	7·52	265	7·87	122	3·62	28	·83	553	16·43	674	20·03	Mazagon	E
	Tarwadi	960	45·07	71	3·33	..	..	12	·56	155	7·27	121	5·68	89	4·17	16	·75	207	9·71	289	13·55	Tarwadi	
	2nd Nagpada	1,971	105·01	25	1·33	4	·21	36	1·91	264	14·06	438	23·33	144	7·67	7	·37	196	10·44	857	45·66	2nd Nagpada	
	Kamathipura	2,858	97·86	62	2·12	7	·23	21	·71	415	14·21	483	16·53	216	7·39	22	·75	619	21·19	1,013	34·68	Kamathipura	
	Tardeo	1,513	79·71	34	1·79	2	·10	17	·89	229	12·06	205	10·80	155	8·16	10	·52	363	19·12	498	26·23	Tardeo	
	Byculla	3,826	80·71	166	3·50	8	·16	43	·90	602	12·69	571	12·04	304	6·41	28	·59	919	19·38	1,185	24·99	Byculla	
	1st Nagpada	658	59·10	29	2·60	5	·44	3	·26	82	7·36	97	8·71	50	4·49	5	·44	165	14·82	222	19·94	1st Nagpada	
F	Parel	2,451	85·28	90	3·13	3	·10	18	·62	445	15·48	331	11·51	216	7·51	25	·86	603	20·98	720	25·05	Parel	F
	Sewri	405	66·79	6	·98	..	..	..	..	93	15·33	53	8·74	47	7·75	..	..	122	20·12	84	13·85	Sewri	
	Sion	1,247	63·61	23	1·17	..	..	6	·30	182	9·28	213	10·86	105	5·35	8	·40	463	23·46	250	12·75	Sion	
G	Mahim	1,626	87·86	55	2·97	1	·05	3	·16	220	11·88	219	11·83	101	5·45	16	·86	666	35·99	345	18·64	Mahim	G
	Worli	1,283	50·32	70	2·74	2	·07	12	·47	206	8·08	175	6·86	102	4·00	10	·39	460	18·04	246	9·64	Worli	
	Water Division	72	3·25	12	·54	..	..	..	..	17	·76	5	·22	5	·22	5	·22	8	·36	20	·90	Water Division	
	Non-resident and unknown	2,945	..	104	..	7	..	1	..	85	..	98	..	188	..	104	..	1,965	..	398	..	Non-resident and unknown	
	Total	47,896	58·28	1,265	1·54	57	·07	359	·44	6,951	8·46	7,857	9·56	3,551	4·32	520	·63	11,003	13·39	16,333	19·87	Total.	

	Number of deaths.	Per 1,000 of population.	Deaths.	Cholera.	Small-pox.	Measles.	Fevers.	Respiratory System.	Diarrhœa and Dysentery.	Injuries.	Plague.	All other causes except still-born.
Number of deaths.												
Per 1,000 of population.												

Statement No. I.

TABLE showing Works performed by the Health Department during the Year 1897.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Carts emptied at Tardeo Flats and other places	58,304½	51,932	60,232½	58,840	61,000	59,578	63,383	63,221	62,606	64,172½	65,599½	63,164½	732,033 Dept. / 23,892 Private. } 755,925
Night-soil and cess-pool carts emptied	14,347	12,699	13,424	13,341	14,151	13,784	14,454	14,032	13,676	14,405	13,931	14,864	167,108 Dept. / 9,213 Private. } 176,321
Do. baskets emptied.....	125,987	108,821	114,096	115,017	120,730	126,964	131,816	150,741	156,852	168,529	161,934	132,323	1,613,810
Covered drains opened and cleaned.....	59,873	43,250	63,288	86,349	63,904	74,023	78,912	77,982	76,049	83,077	103,465	106,475	916,647
Houses visited and disinfected after cases of plague, cholera, small-pox, measles, fevers, diarrhœa, dysentery and other causes	4,387	4,112	3,559	2,106	1,373	1,271	1,519	1,969	2,092	2,170	1,644	1,887	28,089

Statement No. II.

STATEMENT of SUMMONSES issued under Bombay Municipal Act III of 1888 during 1897.

	Section of Act.	Conviction	Dismissed.	Withdrawn, Offences having ceased.	Total Summonses.	Amount of Fines.
						Rs. a. p.
For not providing water-closet, privy or urinal	248	46	...	3	49	122 0 0
Do. constructing do. do. for the use of work-people	249	3	...	...	3	.....
Do. closing, removing, renewing, repairing, cleaning, covering, re-covering, trapping, ventilating, paving, &c., drain, &c.	257	330	...	3	333	125 0 0
For altering, fixing, renew, rebuild, change, stop up, or destroy any drain, ventilating shaft or pipe, &c., &c., without permission	258	4	...	2	6	14 0 0
For not providing water-supply to wash privies, gully traps, &c.	271	1	...	...	1	.....
For accumulating or allowing to accumulate dust, ashes, refuse, and rubbish or excrementitious or polluted matters on premises, &c.	372	93	...	8	101	80 0 0
For requiring buildings to be limewashed or otherwise cleansed	375	1,564	...	44	1,608	1,613 0 0
For not cleansing, clearing or enclosing house or land	377	213	2	7	222	204 0 0
For buildings unfit for human habitation	378	13	...	...	13	50 0 0
For not cleansing, clearing or enclosing pool, ditch, tank, pond, well, quarry-hole, low ground or stagnant water	381	9	...	2	11	10 0 0
For keeping animals so as to be a nuisance or feeding animals with filth, &c., so as to be a nuisance	384	129	...	9	138	328 0 0
For disinfecting buildings	425	4	...	...	4	.....
		2,409	2	78	2,489	2,546 0 0

There were 2,614 summonses issued, including repetitions, witnesses, &c.

Statement No. III.

STATEMENT showing the Number of NOTICES served under various Sections of Act III of 1888 and the Epidemic Diseases Act of 1897 during 1897.

Requirements of Section.	No. of Section.	Complied with.	Not complied with.	Pending.	Cancelled.	Total.
Under Act III of 1888.						
Provide privy and urinal accommodation for the use of tenants ...	248	4	44	22	1	71
Construct privy for the use of the work-people	249	1	3	.....	1	5
Shut out privy from public view	250	1	1	.....	.....	2
Clean, repair, &c., drains, privies, &c.	257	406	484	50	11	951
Lime-wash buildings	375	1,864	1,556	66	34	3,520
Cleanse, clear the premises, or enclose the same	377	154	89	13	1	257
Clean, fill up wells, tanks, &c.	381	14	9	11	.....	34
Put and maintain in a cleanly state and ventilate the premises...	392	.....	.....	1	.....	1
Provide proper washing places for animals	394 & 479 under clause 5 of License conditions.	.....	2	.....	.....	2
Disinfect buildings	425 &434	29	3	8	.....	40
Fill in properly all graves	461 under Bye-laws clause P.	.....	.....	1	.....	1
Enter into or upon buildings or land for inspection	488	1	.....	.....	.....	1
Under Epidemic Diseases Act of 1897						
Vacation of buildings for cleansing and disinfection	3 & 7	86	8	75	6	175
Opening of closed premises for purpose of cleansing and disinfection.	4 & 7	14	.....	3	.....	17
Total ...	.....	2,574	2,199	250	54	5,077

78 Permissions granted to re-occupy buildings vacated for cleansing and disinfection.

14 Do. do. to re-occupy premises broken open for purpose of cleansing and disinfection.

Statement No. IV.

Number of bullocks of the Health Department during 1897...	...	2,290
Died	135	337
Cast and sent to Pinjrapol	202	
Percentage of loss among bullocks, 14·7.		
Number of animals on the 1st of January 1898...		1,953

Number of horses of the Health Department during 1897		13
Died, &c.		0
Number of animals on the 1st of January 1898 ...		13

STATEMENT showing the Causes of Death amongst the Bullocks of the Health Department during 1897.

Nos.	Disease.	Number of Deaths.
1	Old age and general debility	62
2	Diseases of heart	9
3	Do. lungs	30
4	Do. liver, spleen and kidneys	14
5	Do. stomach and intestines	6
6	Peritonitis	1
7	Malignant œdema of jaw and dewlap	2
8	Foot and mouth disease	1
9	Horn diseases	2
10	Fractures and dislocations, &c.	7
11	Hydrophobia	1
	Total ...	135
	Cast and sent to the Pinjrapole ... ... Bullocks ...	202
	Grand Total ...	337

CAUSES OF DEATHS arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON for 1897.

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.	A.	1	Small-pox	5	9	8	4	9	11	8	3	...	...	...	...	57
		3	Chicken-pox	...	...	3	...	...	...	...	...	...	...	...	...	3
		4	Measles	62	46	54	47	34	24	18	15	12	7	1	26	357
			„ Pneumonia	...	...	...	2	...	...	...	...	...	...	...	...	2
		9	Enteric Fever	7	3	3	4	1	4	4	4	...	1	...	2	33
		10	Relapsing Fever	...	...	...	...	...	...	...	...	4	8	13	36	61
		11	Simple Continued Fever	176	117	61	23	28	38	62	88	76	52	35	33	789
		14	Plague	2110	3349	2424	1309	345	104	42	72	171	180	254	643	11,003
		15	Ague	38	38	22	9	10	12	20	21	20	21	10	4	225
		16	Remittent Fever	1438	652	359	130	85	134	264	346	349	241	181	255	4,434
			„ „ with Asthma	2	3	...	1	2	2	...	...	1	...	...	1	12
			„ „ „ Bronchitis	144	161	118	99	92	90	86	112	112	96	85	70	1,265
			„ „ „ Convulsions	5	9	2	9	4	5	6	5	3	4	5	1	58
			„ „ „ Diarrhœa	18	18	7	7	3	7	15	13	4	6	8	7	113
			„ „ „ Dysentery	4	1	...	...	...	...	...	2	...	...	...	...	7
			„ „ „ Pneumonia	3	4	...	...	...	1	...	2	2	1	...	...	13
			Fever and Chest Complaint	1	...	...	...	...	...	...	...	...	...	...	...	1
			„ with Catarrh	...	...	...	1	...	...	...	...	...	...	...	...	1
		18	Malignant Cholera	...	...	...	14	19	44	304	607	137	90	33	17	1,265
		19	Diphtheria	2	...	2	1	...	...	...	...	...	...	...	...	5
		20	Hooping Cough	8	9	11	11	21	17	35	32	28	30	12	17	231
		21	Mumps	...	...	...	...	...	...	...	...	4	...	...	...	4
		22	Influenza	...	...	...	...	...	...	...	...	1	1	...	...	2
		28	Sloughing Phagedœna	..	...	...	...	...	...	...	...	...	...	1	...	1
		30	Erysipelas	2	1	...	...	...	1	3	2	1	2	1	...	13
			„ and Syphilis	...	...	...	...	1	...	...	...	...	...	...	...	1
		31	Pyæmia	3	1	3	...	1	1	3	2	1	2	...	5	22
	B.	32	Puerperal Fever	32	26	28	17	17	20	6	11	24	20	21	15	237
		34	Acute Rheumatism	23	15	11	3	...	1	6	6	4	4	11	11	95
		38	Chronic „	1	...	5	10	9	7	7	3	5	11	4	4	71
		40	„ Gout	...	...	...	...	...	...	1	1	...	...	...	...	3
		43	Syphilis	8	5	8	...	4	...	...	4	9	5	6	7	51
			„ Secondary	...	...	...	...	...	4	1	2	...	1	...	...	8

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	General Diseases.													
	B.													
	Syphilis Secondary and Cerebral Disease...	...	...	...	...	...	1	...	...	...	...	...	...	1
	" Hereditary ...	...	...	...	...	...	1	...	...	...	...	...	...	1
	" Congenital ...	...	...	2	...	3	...	...	1	1	...	...	1	8
44	Cancer	...	1	...	...	...	...	2	...	...	...	1	...	4
	" of Intestines	...	...	...	...	1	...	...	1	...	...	...	...	2
	" of Stomach	...	...	...	...	...	...	...	...	1	...	...	...	1
	" of Axilla	...	...	...	...	...	1	...	...	...	...	...	...	1
	" of Throat	...	...	...	...	...	...	...	...	...	...	...	...	3
	" of Larynx	...	...	...	1	...	1	...	...	...	...	...	...	2
	" of Tongue	...	1	...	...	...	...	...	...	...	...	...	...	1
	" and Syncope	...	...	...	...	...	...	...	...	...	...	...	1	1
	" of Penis...	...	...	1	...	...	3	...	...	1	...	1	...	6
	" of Uterus	...	1	...	...	...	...	...	...	...	...	...	...	1
	" of Lungs	...	...	...	...	...	...	...	1	...	...	...	...	1
	" of Chest	...	...	...	...	...	...	...	...	...	...	...	...	1
	" of Rectum	...	...	9	11	7	3	4	4	4	6	2	4	63
48	True Leprosy ...	...	6	4	1	1	3	5	3	5	1	4	1	41
49	Scrofula ...	...	...	...	...	...	1	...	...	1	...	...	...	3
	Tubercular Meningitis	...	930	582	375	298	280	444	488	514	530	465	509	5,927
	" Phthisis Pulmonalis	...	81	39	87	70	81	86	105	85	110	81	100	997
	" Tuberculosis of Intestines	...	...	...	...	...	...	...	1	...	...	1	...	2
	" Tabes Mesenterica	...	...	...	...	...	...	...	...	1	...	...	...	1
50	Rickets	...	...	3	...	3	5	...	1	2	7	2	2	31
52	Diabetes	...	1	...	1	...	...	...	...	...	...	...	...	1
	" Gangrene ...	...	...	...	...	...	...	...	...	...	...	...	...	1
	" and Paralysis	...	...	4	1	1	1	...	...	...	...	...	2	9
54	Scurvy	...	...	47	35	40	21	45	44	36	41	37	50	509
55	Anæmia	...	54	59	35	40	21	45	44	36	41	37	50	509
57	General Dropsy... ...	...	15	21	21	10	9	6	17	16	32	16	22	195
	Diseases of the Brain and its Membranes.													
	Local Diseases.													
	Diseases of the Nervous System.													
60	Meningitis	...	...	...	1	1	8	2	...	...	...	...	1	9
	Septic Meningitis ...	...	...	...	...	...	...	...	1	1	...	...	...	1
	Meningitis Cerebral Effusion	...	...	...	...	...	...	...	...	...	...	...	...	1
	Cerebral Congestion	...	...	...	3	...	2	...	3	1	...	2	...	20
62	Softening of the Brain, Hemeplegia	...	...	1	...	...	...	...	...	...	...	1	1	6
64	Abscess of the Brain	...	4	1	...	...	...	1	...	...	...	...	...	11

| | | |

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	TOTAL.
Local Diseases.	Diseases of the Eye, Ear and Nose.		*Diseases within the Orbits.*													
		182	Protrusion of the eye-ball	...	...	...	...	1	...	...	...	...	...	...	...	1
			Diseases of the Ear.													
		190	Inflammation	...	...	1	1	...	...	1	...	5	...	1	1	11
			Diseases of the Nose.													
		210	Ulceration	1	...	...	...	1	...	...	...	...	...	1	...	3
	Diseases of the Circulatory System.		*Diseases of the Heart and its Membranes.*													
		219	Pericarditis	...	...	...	...	...	...	...	1	1	2	1	...	5
			Diseases of the Endocardium.													
		224	Endocarditis	...	...	...	...	...	1	...	...	...	...	...	...	1
		225	Valve Disease	2	...	2	4	...	2	1	3	1	1	4	10	30
			„ Metral Regurgitation	...	...	...	...	...	...	...	1	...	...	2	...	3
			Diseases of the Muscular Structure of the Heart.													
		233	Fatty Degeneration	...	...	...	...	...	1	...	...	...	...	...	...	1
			„ Heart and Angina Pectoris	...	...	...	...	...	...	...	...	...	1	...	...	1
		242	Angina Pectoris	2	...	...	...	...	2	1	...	...	...	1	...	6
		243	Syncope	...	...	1	...	...	...	...	1	1	1	3	...	7
		244	Palpitation and irregularity of the action of the heart	22	17	17	13	15	11	11	9	12	15	20	17	179
	Diseases of the Absorbent System.		*Diseases of the Absorbent System.*													
		269	Inflammation of Lymphatics	1	...	...	1	...	1	...	1	...	...	...	...	4
		272	Suppuration of Glands	...	...	...	...	...	2	...	...	...	...	...	...	2

| | | |

CAUSES OF DEATHS.	No. in Nomenclature of Diseases.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Diseases.														
Disease of the Digestive System.														
Diseases of the Face and Palate.														
Ulcerated Throat	421	...	...	...	1	...	...	...	2	2	1	...	1	6
Quinsy Cynanche	422	...	...	...	...	...	...	2	3	...	...	...	...	6
Tonsilitis	423	...	...	...	...	...	...	...	...	...	...	...	...	1
Diseases of the Pharynx.														
Pharyngitis	431	...	...	...	...	...	...	...	...	...	...	...	1	1
Diseases of the Stomach.														
Gastritis	449	...	...	...	...	1	...	1	...	1	...	2	2	13
Hæmatemesis	451	...	...	...	1	...	...	...	...	1	5	...	...	1
Dyspepsia	460	...	...	...	...	...	1	...	2	1	...	4	4	26
Vomiting	463	...	...	...	...	...	...	...	...	...	...	...	...	5
Diseases of the Intestines.														
Enteritis	464	...	...	...	...	...	...	...	...	...	1	1	...	9
Typhlitis and Peritonitis	465	4	1	2	1	1	2	2	1	...	...	...	1	2
Dysentery	466	173	165	145	99	118	94	136	197	163	143	110	139	1682
Ulceration	467	4	...	...	1	...	1	1	1	1	...	...	...	6
Hæmorrhage	472	...	1	...	...	...	...	1	2	...	1	2	...	6
Obstruction	476	...	1	1	...	4	3	3	7	1	1	4	4	26
Hernia	480	11	12	9	4	6	3	4	1	5	5	8	8	72
Parasitic Diseases—	483	...	...	...	...	...	...	...	...	...	...	...	...	1
Ascaris Lumbricoides		20	28	15	14	5	7	22	12	5	8	5	5	146
Diarrhœa	484	168	171	164	151	122	137	192	196	155	180	136	147	1869
Colic	486	...	...	3	2	1	1	1	...	...	2	4	2	16
„ Enteritis		...	6	3	2	...	...	2	...	...	...	...	...	24
		11												

| | | |

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Diseases.	Diseases of the Urinary System.		*Diseases of the Male Urethra.*													3
		596	Stricture	...	...	...	...	1	1	1	...	...	...	...	1	2
		599	Urinary Fistula	...	1	...	...	...	...	...	...	1	...	...	...	2
		601	Extravasation of Urine	...	...	...	...	...	...	...	1	...	...	...	...	1
			Urinary Disease	...	...	1	...	3	...	...	...	1	2	...	...	5
			Uræmia	...	...	...	1	...	1	...	...	...	...	...	...	4
			DISEASES OF THE MALE ORGANS OF GENERATION.													
	Diseases of the Generative System.		*Diseases of the Scrotum.*													1
		608	Sloughing	...	...	1	...	...	...	...	...	...	1	...	...	3
		610	Elephantiasis	...	...	...	...	...	2	...	...	...	1	...	...	1
			Abscess of Scrotum	...	...	...	...	...	...	...	...	...	1	...	...	
			Diseases of the Tunica vaginalis.													
		618	Hæmatocele	...	...	...	...	...	1	...	...	...	...	...	...	1
			Diseases of the Testicle.													
		620	Orchitis	...	...	...	...	...	...	...	...	...	2	...	...	
			DISEASES OF THE FEMALE ORGANS OF GENERATION IN THE UNIMPREGNATED STATE.													
			Diseases of the Ovary.													
		630	Inflammation	...	...	...	...	...	...	...	...	...	...	1	...	1
			Diseases of the Broad Ligament.													
		650	Inflammation— Pelvic Peritonitis	...	2	1	...	1	...	...	...	...	...	...	...	4
			Functional Diseases of the Female Organs of Generation.													
		694	Menorrhagia	...	...	2	...	...	...	...	...	1	...	1	1	5

| | | |

	No. in Nomenclature of Diseases	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
		DISEASES OF THE MUSCULAR SYSTEM.													
Local Diseases. — Diseases of the Organs of Locomotion and Cellular Tissue.		*Diseases of the Muscles.*													
	795	Gangrene	3	8	...	2	3	2	3	...	2	4	...	...	22
		Tumour	2	...	...	...	1	2	...	...	...	...	...	...	5
		Foot Diseases	4	1	1	...	1	...	...	4	...	...	...	...	11
		Diseases of the Cellular Tissue.													
	819	Abscess	...	1	...	...	1	...	1	4	1	1	2	1	13
	821	Sloughing ulcers	...	...	...	3	4	3	5	2	4	2	4	...	27
	825	Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	2	...	2
		Filaria Medinensis	...	...	...	...	1	...	...	...	...	...	...	...	1
Local Diseases. — Diseases of the Cutaneous System.		*Diseases of the Cutaneous System.*													
	837	Pityriasis Rubra	...	...	...	1	...	...	...	...	...	...	...	...	1
	859	Ulcer	2	1	2	3	...	1	...	1	2	3	...	4	16
	862	Carbuncle	...	...	...	...	...	3	2	1	3	1	...	2	15
	869	Elephantiasis	4	7	2	1	3	2	3	...	3	2	2	3	32
		Conditions not necessarily associated with General and Local Diseases.													
Conditions not necessarily associated with General and Local Diseases	902	Still-born	109	68	83	90	80	118	123	152	140	140	144	121	1,368
	903	Premature Birth	3	2	1	...	2	3	3	...	1	3	1	2	21
	904	Old Age	187	149	128	104	59	56	57	86	92	64	73	78	1,133
	905	Debility	170	127	122	140	145	177	176	223	222	218	167	186	2,073
		POISONS.													
		Metals and their Salts.													
Poisoning.	906	Arsenic Suicidal	...	...	...	1	1	1	...	...	1	...	...	...	4
		Vegetable Poisons.													
	936	Opium—													
		Accidental	1	...	1	...	1	...	...	...	...	...	...	...	3
		Suicidal	...	...	1	3	5	1	...	3	1	1	2	1	18
	938	Alcoholic excessive drinking	...	...	1	1	...	1	2	1	...	...	...	1	7

Poisoning.		GASEOUS POISONS.																					
		Poisoned Wounds.																					
		By Venomous Animals—																					
	985	Snake-bite	...	...	...	...	...	1	...	...	...	1	2	...	1	...	...	...	...	4
		Rat-bite	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
General Injuries.		GENERAL INJURIES.																					
		Burns and Scalds	1	...	...	1	...	...	...	...	...	1	...	1	...	...	2	5
	992	„ caused by upsetting a chatty	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		„ caused by clothes taking fire	...	5	3	1	1	1	...	...	...	...	...	...	3	7	21
		Burnt by Lighning Stroke	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
	994	Multiple injuries to head by accidentally falling of a debris of an old Parsee Fire Temple	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ fracture of shoulder blade, collar-bone, and arm ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ by falling from a staircase	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ by falling accidentally into the hold of a ship	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	2
		„ „ by falling from a tree	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ by falling from a cart during intoxication ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	995	Asphyxia—																
		From drowning in a creek, accidental	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		„ „ in a pool of water, accidental	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ „ in Victoria Dock, accidental	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	2
		„ „ in a Dock, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ in a fountain, accidental	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ in a pond, accidental	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		„ „ in a quarry hole, accidental	...	...	...	...	...	...	1	...	1	...	...	...	...	2	...	4
		„ „ „ suicidal	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ „ „ unknown	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		„ „ in a sea, accidental	1	1	...	...	...	1	3	3	...	...	...	1	10	2	3	9
		„ „ „ suicidal	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2
		„ „ „ unknown	...	...	...	1	...	...	...	...	...	...	1	...	1	...	1	3
		„ „ in a tank, accidental	...	...	...	1	2	1	...	1	1	...	1	2	2	9	13	3
		„ „ „ suicidal	3	1	...	1	1	...	1	1	...	2	...	3	13	3	3	3
		„ „ „ unknown	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	3
		„ „ in a well, accidental	...	1	...	...	...	1	1	1	1	...	1	...	2	7	27	5
		„ „ „ suicidal	1	2	5	...	...	5	4	1	5	2	1	1	27	5	5	8
		„ „ „ unknown	...	...	...	...	...	1	...	3	...	1	...	...	5	5	8	1
		From hanging by law	...	...	...	...	...	...	...	5	...	...	...	...	5	5	8	1
		„ „ suicidal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		„ suffocation caused by being buried under coal while working on a steamer...	...	...	...	2	1	1	1	...	1	2	...	...	8	1	1	1
		„ „ „ by being buried under a quantity of paper while asleep ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
	996	Privation	16	13	17	10	11	11	9	21	17	25	31	20	201			

	No. in Nomenclature of Diseases.	CAUSES OF DEATHS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries.		LOCAL INJURIES.													
	1001	Scalp-wound by an accidental fall from a window of a house	...	...	...	...	...	...	...	...	...	1	...	...	1
		" inflicted by some persons (circumstances unknown)	...	...	...	...	...	1	...	...	...	...	...	...	1
	1003	Concussion of the brain—													
		Hand drawn in and head struck against throstle machine accidentally	...	...	...	...	...	...	...	1	...	..	1	...	1
		By an accidental fall from a verandah	...	...	...	...	...	...	...	...	...	...	...	...	1
		" " from a tree	1	...	...	...	...	...	...	...	...	1	...	...	1
		" " from a cart in motion	...	...	...	...	...	...	...	...	...	...	...	...	1
		" " cause unknown	...	...	1	...	...	...	...	1	...	...	...	...	1
		" " of delivery.	...	...	...	...	...	...	...	...	1	...	...	...	1
		Compression of the brain occurred during process													
	1004	Fracture of the vault of the skull knocked down by a horse, accidentally	...	..	...	...	...	...	...	1	...	...	...	...	2
		" " " by a Ry. engine	1	...	...	...	...	...	...	...	...	...	...	...	1
	1006	Fracture of the base of the skull—													
		By an accidental fall into P. & O. Co.'s Dock	1	...	...	...	1	...	2	...	...	1	8	...	7
		" " " from a window of a house	...	...	...	...	...	1	...	...	...	...	...	...	1
		" " " from a ladder	...	...	...	...	...	1	...	...	...	...	...	...	1
		" " " from a Railway bridge	...	...	...	...	1	...	...	...	...	...	...	...	1
		Accident by a mill machinery	...	...	...	...	...	...	...	...	...	...	...	...	
		By falling off from a labour cart and being run over by the cart	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " from the verandah of the second story of a house	...	...	...	...	1	...	...	...	...	...	...	...	1
		Fracture, compound, of the skull by a strike of an iron hook	...	...	...	...	1	...	...	...	...	...	...	...	1
		of a ladder	...	...	...	...	1	...	...	...	...	...	...	...	1
		" of the skull by a fall from a train in motion	...	...	...	...		...	...	...	...	...	...	...	
		Fracture of the base of the skull—													
		By an accidental fall *into* the hold of a ship	...	...	...	...	...	...	...	1	...	...	...	...	1
		Caused by a black metal of a cylinder accidentally blowing out while under test	...	...	...	...	...	...	...	...	...	...	...	1	1
		Fracture of skull—													
		By jumping from the first story of a house	1	...	...	...	...	...	...	...	1	...	...	...	1
		By being knocked down by a run-away horse	...	...	...	...	...	...	...	...	...	...	...	...	1
		By a fall from a mango tree	...	...	...	1	...	...	...	...	...	...	...	...	1

	Fracture of the base of the skull—																
	By an accident from a mill machinery	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	By being jammed between two buoys in Indian Marine.	...	...	...	...	1	...	...	...	...	...	...	...	...	1
1007	Wound of head by an accidental fall from a story of a house.	...	...	...	...	...	...	1	...	...	...	...	...	...	1
	By falling down into the road	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	By being knocked down by a cow	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	Head crushed by falling of an iron girder	...	...	1	...	...	...	...	...	...	...	...	...	...	1
1008	Injury to the head by jumping out from the fourth story of a house, suicidal	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	„ by being caught in a working machine, accidentally	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	„ „ run over by a Railway engine..	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	„ „ run over by a victoria... ...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
	„ by an accidental fall from a window of a house	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	„ by a fall from a bamboo ladder	...	...	...	...	...	...	...	1	2	1	...	...	...	4
	„ „ of a cotton bale	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	„ „ of iron	...	...	...	1	2	...	...	...	...	...	...	...	...	3
	„ „ of a wooden block while being fixed to a mast of ship	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	„ „ from a roof of a house	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	„ by being knocked down by Railway engine, accidentally	...	...	...	...	...	1	1	...	...	...	...	...	...	2
	„ „ run over by a victoria	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	„ by a fall of a bundle of corrugated iron..	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	„ „ of bags of grain, accidentally ...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	„ „ from staircase	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	„ „ from a tree, accidentally ...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	„ by being knocked down by Railway engine, accidentally	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Injuries of the Neck.														
1042	Wound of neck, homicidal	..	...	...	...	...	...	...	...	1	...	1	...	...	2
	„ neck severed by being run over by Railway wagon, suicidal	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	„ injury, to throat falling on the floor	]	...	...	...	...	...	...	...	...	...	...	...	...	1
	„ cause unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	„ cut throat, suicidal	...	1	...	...	...	1	...	...	...	...	...	...	...	3
	„ „ unknown	...	...	...	...	...	...	1	...	...	1	...	...	1	1
	Injuries of the Chest.														
1050	Fracture of ribs caused by a boiler falling on him	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	„ „ by being jammed between the buffers of a Railway...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
1052	„ „ by a Railway having run over, suicidal.	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	„ „ by being jammed between buffers of a Railway wagon	...	...	1	...	...	...	...	...	...	...	...	...	...	1

No. in Nomenclature of Diseases.	CAUSES OF DEATHS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	LOCAL INJURIES—*contd.*													
	Injuries of Chests—contd.													
1054	Wound of chest caused by gun-shot, suicidal	...	...	...	...	1	...	...	...	...	...	...	...	1
	Penetrating wound of chest, gun-shot	...	...	...	...	...	...	...	...	1	...	...	...	1
	Wound of lung, homicidal	...	...	...	...	1	...	...	...	...	...	...	...	1
	Penetrating wound of lung received by falling on an iron handle	...	...	...	...	...	...	...	...	...	...	...	1	1
	" " homicidal	...	...	...	...	...	...	...	...	1	...	...	...	1
	Injuries of the Back.													
1059	Concussion of spine; was carried by a pole of a cart and fell down	1	...	...	...	...	...	...	...	...	...	...	...	1
	By a fall from a tree	...	1	...	...	...	...	...	...	...	...	...	...	1
	By an accidental fall on the road while under the influence of *liquor*	...	...	...	...	...	...	...	...	1	...	...	...	1
1061	Wound on the back by the crack of an engine, circumstances unknown	...	...	...	...	...	...	...	...	...	...	...	1	1
1062	Fracture of spine—													
	By an accidental fall from a Railway sleeper	...	...	...	...	...	...	...	...	...	1	...	...	1
	By a fall of bags of floor	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " of grain	...	...	...	...	...	1	...	...	1	...	...	...	2
	" from a bullock cart	...	...	...	...	...	...	...	...	1	...	...	...	1
	" from a flag staff	...	...	...	...	...	...	...	...	1	...	...	...	1
1063	Injury to the spine, accidentally knocked down by a horse ...	...	...	...	...	...	...	...	...	...	...	...	1	1
	" " by an accidental fall of heavy bags of grain while carrying	...	...	...	...	...	...	...	...	...	...	...	1	1
	Injuries of the Abdomen.													
1070	Wound of intestines and peritonitis, bursting of a soda-water bottle	...	...	...	...	...	...	1	...	...	...	...	...	1
1071	Rupture of spleen by an accidental fall	...	...	...	...	...	...	...	...	1	...	...	...	1
	Injury to the Liver.													
1072	Internal injuries caused by being knocked down and run over by a horse and carriage	...	...	...	...	...	...	...	...	...	...	1	...	1
	" by being jammed between two Railway wagons	...	...	...	...	...	...	1	...	...	...	...	...	1
	" by being run over by a cart	...	1	...	...	...	...	...	...	...	...	...	...	1
	" by falling of earth and stones	...	...	...	1	...	...	...	...	...	...	...	...	1
	" by having knocked down by the pole of a brougham	...	...	...	...	...	...	1	...	...	...	...	...	1
	" by falling of a column	...	...	...	1	...	...	...	...	...	...	...	...	1
	" by a fall into the hold of a ship	...	...	...	...	1	...	...	...	...	...	...	...	1
	" by a fall on the road	...	1	...	...	...	...	...	...	...	...	...	...	1

Local Injuries.

		Injury to the abdomen caused by a razor, suicidal	...	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ „ „ by falling of a chatty containing water	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		„ „ „ by being knocked down by a horse	1	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Pelvis.																	
	1090	Fracture of pelvis—																	
		By falling from a window	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Upper Extremities.																	
	1094	Wound of arm by an engine chain...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	1103	Fracture of forearm by an accidental fall from a staircase ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		„ of hand jammed between an iron beam and a frame of a hoist of mill...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ of forearm by being knocked down and run over by a Railway carriage	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Injury to the left arm slipped down while walking	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Lower Extremities.																	
	1117	Wound of leg being run over by a steam crane	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		„ of foot; the end of the pole of a cart resting on a bamboo gave way and the pole struck on the foot	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		„ „ inflicted by a Mussulman, grievous heart ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		„ „ falling of an iron rail from a trolly ...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1
	1119	Injury to the leg caused by being knocked down by a horse ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ „ by being run over by a cart	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	1121	Fracture, compound, of leg between a wall and portion of a roof of a chawl fallen on him ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2
		„ „ by striking of a stone	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		„ „ „ „ handle of a truck ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ of thigh by an engine crank	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ „ struck by a belt (mill accident)	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1
		„ „ caused by an accidental fall of a stone while working	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ fall from a staircase	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ knocked down by a carriage	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ „ by a cart and run over	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ fall of earth in an excavation, accidentally...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		„ „ by a fall	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ „ by being knocked down by a horse in the tramcar	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ run over by Railway wagon	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ (cause unknown)	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	1122	Fracture of femur by falling on the road	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ by an accident	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	1126	„ of patella (how caused not known)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		Injuries, run over by a cart	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		„ fall from a house	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		„ (cause not known)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
		Unknown Causes	28	1	8	6	1	4	2	2	1	1	1	1	1	1	1	77

II.

CAUSES of DEATHS at different Ages amongst JAINS

		MALES.																				
		Days.	Months.	YEARS.																		All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	A Fever. Measles	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A Fever. Enteric	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Simple continued	1	1	1	..	..	1	..	..	..	1	..	2	..	1	1	1	..	1	..	..	11
	A Fever. Ague	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A Fever. Remittent	1	2	1	1	..	..	..	3	3	8	22	27	14	12	16	6	9	1	10	135
	A Cholera	..	..	..	..	..	1	..	..	..	1	2	2	2	1	1	..	1	..	..	11
	A Plague	..	..	..	..	..	..	2	5	24	46	49	56	44	21	28	16	9	2	2	302
	A All other diseases classed under Section A of General Diseases	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
	B All other diseases classed under Section B of General Diseases	..	..	3	1	..	1	..	2	2	5	17	15	13	11	7	11	14	11	14	127
LOCAL DISEASES.	Diseases of the Nervous system	12	7	3	1	..	..	1	1	..	..	2	3	..	..	..	3	1	..	5	39
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	1	1	2	..	..	1	1	..	1	1	..	8
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	7	9	8	3	2	..	1	2	2	3	7	5	4	6	3	3	3	46	129
	Diseases of the Digestive system. Diarrhœa	..	1	3	1	..	..	..	1	1	2	4	3	5	2	1	2	2	1	6	38
	Diseases of the Digestive system. Dysentery	..	1	..	..	..	..	..	..	1	2	2	1	3	2	1	5	3	..	1	6	26
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	..	1	2	..	..	..	..	1	1	3	3	2	2	1	..	1	3	20
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	3
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	3
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	14
	Old Age	16	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	17
	Debility	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	2
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes, exclusive of Still-born		29	22	20	14	5	6	3	13	23	71	102	124	89	67	67	62	47	39	106		889
Cholera, Small-pox, Measles and Plague		..	..	..	1	..	1	2	5	24	48	51	57	46	22	29	16	10	2	2		315
All other Causes		29	22	20	13	5	5	1	8	9	23	51	67	43	45	38	46	37	37	104		574

during the Year beginning 1st January 1897.

| FEMALES. | | |

III.

CAUSES of DEATHS at different Ages amongst BRAHMINS

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A. Fever. Enteric	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	A. Fever. Simple continued	..	..	1	1	..	..	..	..	..	..	..	1	2	1	1	..	..	1	..	8
	A. Fever. Ague	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	3
	A. Fever. Remittent	2	5	2	2	..	1	1	4	4	9	16	23	16	16	17	10	8	4	11	151
	A. Cholera	..	1	..	..	..	..	..	..	..	1	2	2	2	1	1	3	..	2	1	15
	A. Plague	..	1	..	2	2	1	2	5	19	32	66	39	53	26	25	12	18	10	13	..
	A. All other diseases classed under Section A of General Diseases	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	2	5
	B. All other diseases classed under Section B of General Diseases	..	2	1	1	1	1	..	6	4	13	23	17	14	23	17	22	10	12	168	
LOCAL DISEASES.	Diseases of the Nervous system	12	7	3	..	..	..	..	..	1	..	..	2	2	..	1	2	2	1	6	39
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	3
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	3	15	6	3	1	..	1	1	1	4	4	6	6	5	8	5	14	8	43	134
	Diseases of the Digestive system. Diarrhœa	..	..	1	..	2	1	..	1	2	6	6	10	5	4	1	2	..	11	52	
	Diseases of the Digestive system. Dysentery	..	..	..	1	..	..	1	1	3	4	2	3	11	4	4	2	2	3	41	
	Diseases of the Digestive system. All other diseases registered under Digestive system	1	1	1	1	4	2	..	1	1	..	3	1	1	..	1	..	..	2	3	23
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	3
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	12	14
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	16	2	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	20
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	Local Injuries	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	1	4	
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
All Causes, exclusive of Still-born		36	33	15	11	10	8	6	12	35	67	114	106	112	83	90	56	71	45	120	1020
Cholera, Small-pox, Measles and Plague		..	1	..	2	2	1	2	5	19	33	68	41	55	27	27	15	18	12	14	342
All other Causes		36	32	15	9	8	7	4	7	16	34	46	65	57	56	63	41	53	33	106	678

during the Year beginning 1st January 1897.

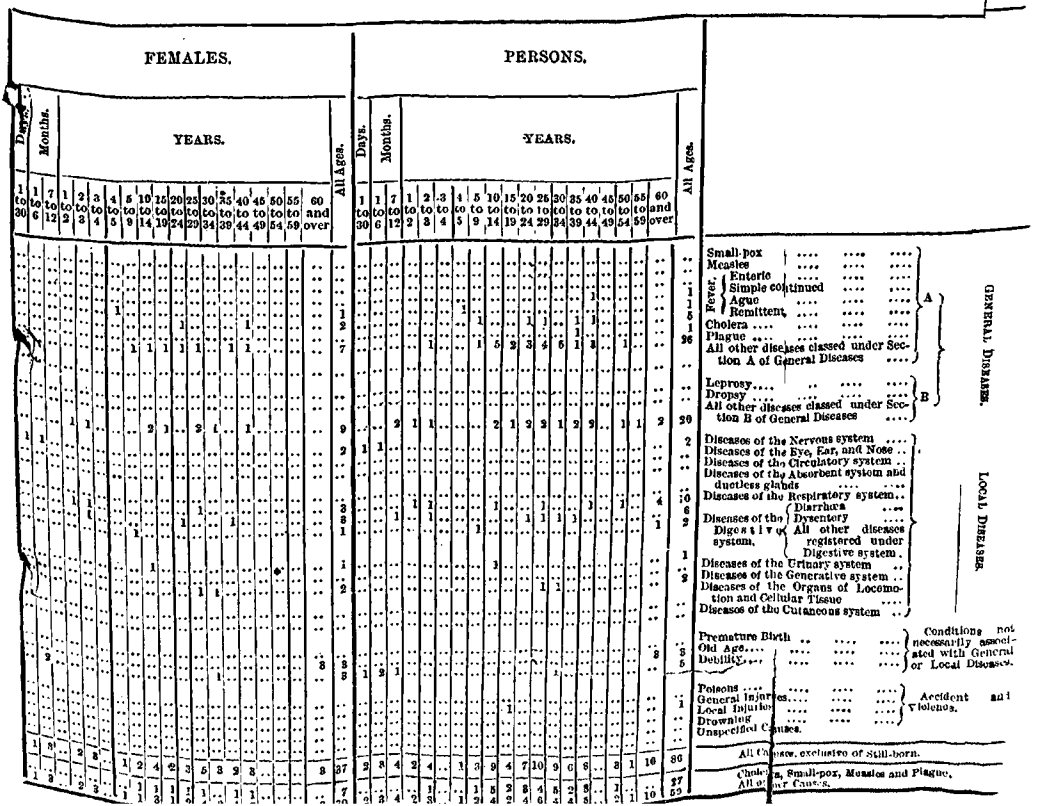
| FEMALES. | | |

IV.

CAUSES of DEATHS at different Ages among LINGAETS

		MALES.																				
		Days.	Months.		YEARS.																	All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		
GENERAL DISEASES.	Small-pox																					
	Measles																					
	A. Fever: Enteric fever																					
	A. Fever: Simple continued															1						1
	A. Fever: Ague																					
	A. Fever: Remittent fever									1				1		1						3
	Cholera															1						1
	Plague						1				4	1	2	3	5		2		1			19
	All other diseases classed under Section A of General Diseases																					
	B. Leprosy																					
	B. Dropsy																					
	All other diseases classed under Section B of General Diseases				2								2			2	1		1	1	2	11
LOCAL DISEASES.	Diseases of the Nervous system																					
	Diseases of the Eye, Ear, and Nose																					
	Diseases of the Circulatory system																					
	Diseases of the Absorbent system and ductless glands																					
	Diseases of the Respiratory system										1						1		1		4	7
	Diseases of the Digestive system: Diarrhœa				1									1	1							3
	Diseases of the Digestive system: Dysentery																				1	1
	Diseases of the Digestive system: All other diseases registered under Digestive system																					
	Diseases of the Urinary system																					
	Diseases of the Generative system																					
	Diseases of the Organs of Locomotion and Cellular Tissue																					
	Diseases of the Cutaneous system																					
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																					
	Old Age																					
	Debility			1		1																2
Accident and Violence.	Poisons																					
	General Injuries												1									1
	Local Injuries																					
	Drowning																					
Unspecified Causes																						
All Causes, exclusive of Still-born		1		4		1				1	5	2	4	5	6	4	5		3	1	7	40
Cholera, Small-pox, Measles and Plague						1					4	1	2	3	5	1	2		1			20
All other Causes		1		4						1	1	1	2	2	1	3	3		2	1	7	20

during the Year beginning 1st January 1897.



CAUSES of DEATHS at different Ages amongst

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Fever. Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Enteric	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	Fever. Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	Fever. Remittent	..	1	..	..	1	..	..	1	1	4	2	5	2	..	1	3	7	2	1	31
	Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
	Plague	..	..	..	..	..	..	..	..	1	4	2	5	4	7	7	4	1	2	1	39
	All other diseases classed under Section A of General Diseases	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	B. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2
	All other diseases classed under Section B of General Diseases	..	..	..	..	1	..	..	..	1	2	4	1	2	3	6	2	6	3	3	34
LOCAL DISEASES.	Diseases of the Nervous system	3	2	..	..	..	..	..	..	..	1	..	..	1	1	1	..	1	..	2	12
	Diseases of the Eye, Ear and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	1	2	7
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	1	3	3	..	..	..	..	1	..	1	1	..	3	1	1	4	..	24	43
	Diseases of the Digestive system. Diarrhœa	..	1	1	..	..	..	..	..	..	..	..	..	..	2	2	1	1	1	2	11
	Diseases of the Digestive system. Dysentery	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	1	1	5
	Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2	1	..	..	..	4
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
	Debility	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
All Causes, exclusive of Still-born		3	6	4	3	3	1	1	2	5	9	12	14	15	18	19	11	23	10	41	209
Cholera, Small-pox, Measles and Plague		..	..	..	..	..	..	..	..	1	1	2	5	4	7	8	4	1	2	1	40
All other Causes		3	6	4	3	3	1	1	2	4	8	10	9	11	11	11	7	22	8	40	169

BHATIAS during the Year beginning 1st January 1897.

| | FEMALES. | | |

CAUSES of DEATHS at different Ages amongst HINDUS OF

MALES.

		Days.	Months.	YEARS.															All Ages.	Days.	Months.	
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12
GENERAL DISEASES.	Small-pox	..	1	3	2	1	..	..	1	1	..	..	3	..	..	..	1	..	..	..	15	..	3	1
	Measles	..	3	10	12	10	2	7	3	1	1	1	..	..	..	..	..	..	..	..	49	..	4	19
	Fever A: Enteric	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	3	..	..	..
	Fever A: Simple continued	4	22	22	18	7	6	6	11	14	12	9	23	24	11	12	6	7	3	10	229	7	16	39
	Fever A: Ague	1	2	..	4	4	2	1	3	3	4	3	3	2	5	6	3	1	..	2	49	..	2	1
	Fever A: Remittent	3	43	69	56	34	28	28	81	144	159	193	293	226	152	155	65	75	28	112	1943	6	70	66
	Cholera	..	..	4	3	4	7	3	20	41	29	71	112	74	54	54	20	21	12	20	549	..	2	3
	Plague	..	19	13	16	22	33	35	186	383	398	667	897	780	528	396	171	228	67	172	4877	..	9	18
	All other diseases classed under Section A of General Diseases	..	15	22	10	1	1	1	..	4	5	10	8	15	8	8	4	1	2	110	1	9	20
	Leprosy	..	..	..	..	..	..	..	..	1	..	1	1	2	2	5	..	1	..	1	14	..	..	1
	Dropsy	..	3	1	5	..	..	2	1	3	4	3	2	6	3	4	1	4	2	2	58	1	..	
	All other diseases classed under Section B of General Diseases	1	14	81	69	44	23	24	37	60	90	184	210	224	184	165	118	121	48	159	1851	1	14	78
LOCAL DISEASES.	Diseases of the Nervous system	145	65	30	15	8	8	5	9	14	7	10	19	20	24	12	18	18	6	6	467	104	60	25
	Diseases of the Eye, Ear, and Nose	..	..	..	2	..	..	..	1	..	1	..	..	..	2	1	1	..	..	..	7	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	1	4	3	9	8	8	4	1	1	..	6	39	..	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	4	..	..	..
	Diseases of the Respiratory system	31	164	193	93	37	11	14	37	32	35	68	119	133	99	107	62	103	52	433	1820	21	149	190
	Diseases of the Digestive system: Diarrhœa	..	34	62	58	31	23	11	23	20	18	32	42	53	41	42	22	32	8	69	521	1	25	62
	Diseases of the Digestive system: Dysentery	1	3	14	33	20	16	22	34	39	29	35	55	67	48	44	25	36	13	41	560	..	2	12
	Diseases of the Digestive system: All other diseases registered under Digestive system	1	10	11	30	14	6	2	14	10	13	15	26	29	29	24	18	16	12	23	303	3	5	16
	Diseases of the Urinary system	..	..	..	1	..	..	1	2	1	3	2	8	3	7	3	3	4	3	5	40	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	2	5	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	1	2	1	1	..	1	3	4	3	3	5	8	5	4	4	2	1	3	51	..	..	..
	Diseases of the Cutaneous system	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	2	1	..	1	8	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	1	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	186	195	1	..	..
	Debility	355	122	84	14	1	4	1	4	..	2	7	8	9	4	4	3	..	..	..	572	323	108	39
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	1	1	3	1	4	3	1	2	..	..	1	16	..	..	..
	General Injuries	1	..	3	1	..	..	..	2	1	1	10	20	10	12	10	13	8	3	12	106	..	..	..
	Local Injuries	..	..	..	..	..	..	1	2	3	5	11	6	11	8	..	3	..	1	3	57	..	..	..
	Drowning	..	..	..	..	..	..	..	2	3	6	7	4	3	2	2	..	1	..	..	31	..	..	..
Unspecified Causes		1	1	1	1	..	..	..	1	2	2	2	5	7	6	3	1	..	..	5	37	1	..	1
All Causes, exclusive of Still-born		554	617	676	452	234	174	164	482	782	818	1232	1884	1610	1242	1065	667	681	258	1322	4681	470	478	686
Cholera, Small-pox, Measles and Plague		..	17	32	55	37	42	45	210	426	428	639	1012	855	582	450	192	249	79	192	5490	..	17	36
All other Causes		554	600	644	417	197	132	119	272	356	390	593	872	755	660	615	475	432	177	1130	8191	470	461	650

OTHER CASTES during the Year beginning 1st January 1897.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst HINDUS,

MALES.

			Days.	Months.	YEARS.															All Ages.
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A	Small-pox	..	1	1	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	6
		Measles	..	5	13	25	9	9	6	3	..	..	1	..	..	..	..	..	..	..	..	71
		Fever. Enteric	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Fever. Simple continued	..	4	5	6	2	..	3	6	2	7	3	4	5	1	2	..	..	1	1	51
		Fever. Ague	..	..	..	..	..	..	..	..	1	..	1	2	..	1	2	..	1	..	1	9
		Fever. Remittent	1	7	14	11	8	6	8	13	22	10	32	47	35	16	16	4	12	4	11	272
		Cholera	..	..	2	3	3	2	1	6	5	4	10	24	10	10	7	2	2	1	9	102
		Plague	..	8	7	6	9	11	10	54	84	45	76	120	68	49	43	18	21	3	33	660
		All other diseases classed under Section A of General Diseases	..	11	31	13	3	3	1	..	..	..	1	1	1	..	..	..	..	..	..	66
	B	Leprosy	..	..	..	1	..	..	..	..	..	..	..	1	..	..	2	..	2	..	..	6
		Dropsy	..	3	..	1	..	..	..	..	..	..	..	4	..	..	..	..	..	..	2	10
		All other diseases classed under Section B of General Diseases	1	7	23	29	10	5	4	5	5	5	16	23	24	18	22	9	17	3	27	253
LOCAL DISEASES.		Diseases of the Nervous system	19	6	6	2	..	..	..	..	1	..	..	4	4	..	1	..	2	..	2	48
		Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1	3	..	..	..	8
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Respiratory system	16	56	58	27	16	10	3	6	3	7	22	26	18	22	24	10	20	6	46	396
		Diseases of the Digestive system. Diarrhœa	..	2	26	16	6	8	1	4	..	3	2	1	5	3	6	..	6	..	11	100
		Diseases of the Digestive system. Dysentery	..	..	8	11	10	6	3	7	9	3	6	11	7	5	11	2	7	..	12	118
		Diseases of the Digestive system. All other diseases registered under Digestive system	..	..	2	1	3	..	..	..	..	..	2	4	1	2	3	3	2	1	..	24
		Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	1	1	..	1	7
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Organs of Locomotion and Cellular Tissue	..	1	..	..	..	..	1	..	..	..	..	2	..	1	..	1	..	..	..	6
		Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	45	47
		Debility	116	50	13	10	2	..	2	2	1	1	2	..	1	..	..	1	..	..	..	201
Accident and Violence.		Poisons	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
		General Injuries	..	..	..	..	..	..	..	..	1	..	1	..	1	1	3	..	..	..	1	8
		Local Injuries	..	..	..	..	..	..	..	..	1	2	1	3	2	..	..	..	2	..	..	11
		Drowning	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	3
Unspecified Causes			..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
All Causes, exclusive of Still-born			152	156	209	165	81	60	38	106	137	88	178	282	184	131	143	54	98	18	209	2452
Cholera, Small-pox, Measles and Plague			..	9	23	37	21	22	17	63	90	49	87	144	78	59	50	20	24	4	42	839
All other Causes			152	147	186	128	60	38	21	43	47	39	91	138	106	72	93	34	74	14	160	1613

II.

LOW-CASTE, during the Year beginning 1st January 1897.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst MUSSULMANS

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A	Small-pox	..	..	3	2	1	..	..	..	3	..	..	1	..	..	1	..	1	..	..	11
		Measles	..	2	9	10	6	5	2	10	2	1	..	..	..	..	..	..	..	..	..	47
		Fever. Enteric	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	3
		Fever. Simple continued	9	15	8	10	3	6	2	4	8	6	10	8	9	7	12	3	9	2	11	140
		Fever. Ague	..	2	2	4	1	2	..	5	2	..	4	6	4	1	1	..	..	..	1	35
		Fever. Remittent	7	54	56	49	29	20	19	44	71	45	58	46	52	30	29	10	22	9	48	707
		Cholera	..	..	..	..	..	1	1	3	2	2	9	7	10	6	1	3	3	2	5	56
		Plague	..	3	2	1	3	1	3	16	74	68	70	74	74	47	61	24	31	5	15	682
		All other diseases classed under Section A of General Diseases	..	..	1	1	..	..	..	..	..	..	1	1	1	..	..	1	2	..	..	8
	B	Leprosy	..	..	..	..	..	..	..	..	1	1	..	..	1	1	3	1	3	1	3	15
		Dropsy	..	..	..	1	1	1	1	..	1	..	3	1	3	2	0	2	6	..	3	35
		All other diseases classed under Section B of General Diseases	..	14	18	13	23	12	11	37	78	102	124	130	182	99	141	68	90	38	126	1307
LOCAL DISEASES.		Diseases of the Nervous system	120	108	54	20	4	6	2	0	4	3	13	13	7	10	12	7	13	2	30	443
		Diseases of the Eye, Ear, and Nose	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
		Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	2	0	2	4	4	7	2	1	3	35	
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Diseases of the Respiratory system	12	107	108	96	76	18	12	19	48	27	55	62	79	58	79	41	78	29	507	1461
		Diseases of the Digestive system. Diarrhœa	..	6	18	18	7	2	1	3	12	6	10	14	21	16	12	14	17	8	27	212
		Diseases of the Digestive system. Dysentery	..	1	2	3	10	2	3	11	13	10	10	15	16	21	13	3	12	2	30	198
		Diseases of the Digestive system. All other diseases registered under Digestive system.	1	2	13	15	10	10	4	5	4	5	9	17	27	14	15	10	11	7	18	201
		Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	2	..	3	1	1	..	4	..	4	15
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	1	4
		Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	1	2	1	3	3	1	4	1	4	..	..	5	24	
		Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	2	5	
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	8	123	138
		Debility	135	26	9	..	1	1	..	..	2	..	1	3	1	1	2	3	..	..	..	184
Accident and Violence.		Poisons	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	3
		General Injuries	..	..	..	..	..	1	..	1	..	2	6	1	8	7	7	6	3	7	9	57
		Local Injuries	..	1	..	..	..	2	..	3	..	2	1	2	1	2	4	..	2	..	3	22
		Drowning	..	..	..	..	..	..	..	7	2	1	3	2	2	1	1	1	1	1	..	16
Unspecified Causes			..	..	1	..	..	..	..	..	..	..	1	..	1	1	1	1	..	..	1	7
All Causes, exclusive of Still-born			293	336	309	249	185	88	67	169	327	278	396	416	506	331	402	210	326	120	1018	5974
Cholera, Small-pox, Measles and Plague			..	5	14	13	11	7	0	29	80	62	79	82	84	53	53	26	35	7	50	596
All other Causes			293	331	295	236	174	81	61	140	247	216	317	334	422	278	349	184	291	109	968	5378

III.

during the Year beginning 1st January 1897.

| Diseases. | FEMALES. Months. | FEMALES. Years. | | |

CAUSES of DEATHS at different Ages amongst PARSEES

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A — Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A — Measles	..	..	..	1	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4
	A — Fever: Enteric	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	..	..	3
	A — Fever: Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A — Fever: Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A — Fever: Remittent	..	3	9	3	..	..	2	2	2	6	5	6	2	2	5	7	3	..	9	66
	A — Cholera	..	..	..	..	..	..	1	..	1	..	1	3	..	..	..	2	..	1	2	11
	A — Plague	..	..	..	2	..	..	..	3	11	30	26	16	14	7	7	15	10	9	14	175
	A — All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	B — Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B — Dropsy	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	3
	B — All other diseases classed under Section B of General Diseases	..	..	1	1	..	..	..	2	1	2	6	7	4	2	5	2	7	2	7	49
LOCAL DISEASES.	Diseases of the Nervous system	5	3	13	9	2	1	..	1	1	..	2	2	2	5	1	4	12	7	26	101
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
	Diseases of the Circulatory system	..	1	..	..	..	..	..	..	..	2	2	1	4	1	2	4	4	6	8	34
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	Diseases of the Respiratory system	2	7	12	13	4	..	3	1	..	1	1	3	1	2	1	1	2	4	11	74
	Diseases of the Digestive system: Diarrhœa	..	1	5	3	..	1	..	..	2	..	..	..	..	..	1	..	..	1	1	15
	Diseases of the Digestive system: Dysentery	..	1	2	2	1	..	..	1	..	3	1	1	1	..	3	2	1	1	10	30
	Diseases of the Digestive system: All other diseases registered under Digestive system	..	2	1	10	1	1	1	7	..	2	2	1	2	4	..	3	6	5	14	62
	Diseases of the Urinary system	..	..	..	1	1	..	..	..	..	..	..	1	..	1	1	3	..	..	2	10
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	4
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	5	
	Diseases of the Cutaneous system	..	..	..	1	..	..	..	..	1	..	..	..	..	1	1	1	2	2	7	16
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	32	33
	Debility	20	5	..	5	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	33
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..	4
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	1	..	..	1	1	1	..	..	..	..	..	1	5
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	3
Unspecified Causes		..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
All Causes exclusive of Still-born		27	28	43	57	12	4	7	26	19	50	50	41	31	28	31	45	55	44	147	744
Cholera, Small-pox, Measles and Plague		..	..	..	3	2	..	1	8	12	30	28	19	14	7	7	17	10	10	16	190
All other Causes		27	28	43	54	10	4	6	17	7	20	22	22	17	21	24	28	30	34	131	554

X.

during the Year beginning 1st January 1897.

| | FEMALES. | | | | | | | | | | | | | | | | | | | | | | | | | PERSONS. | | | | | | | | | | | | | | | | | | |

X.

CAUSES of DEATHS at different Ages amongst JEWS

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Small-pox																			1
	A. Measles				1															1
	A. Fever. Enteric													1						1
	A. Fever. Simple continued																			
	A. Fever. Ague																		1	1
	A. Fever. Remittent	1	2		1						1	1		3				2		11
	A. Cholera										1	1								2
	A. Plague				1				1	1	3	1	3	6	1				1	18
	A. All other diseases classed under Section A of General Diseases																			
	B. Leprosy																			
	B. Dropsy																			
	B. All other diseases classed under Section B of General Diseases			1	1	1				3	1	2		1	1					11
LOCAL DISEASES.	Diseases of the Nervous system		1	1							1							1	1	4
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																		1	1
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system	2	2	4	3	2	2		2	1	1	2	4	1	3		1	2	2	26
	Diseases of the Digestive system. Diarrhœa			1	1				1	1								2		6
	Diseases of the Digestive system. Dysentery									1							1			3
	Diseases of the Digestive system. All other diseases registered under Digestive system						1			1						2	2		2	8
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																		9	9
	Debility		3		1						1									6
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries																			
	Drowning																			
Unspecified Causes																				
	All Causes, exclusive of Still-born	0	5	6	6	3	3		4	6	8	7	7	12	3	3	6	6	20	122
Cholera, Small-pox, Measles and Plague					2				1	1	4	2	3	6	1				1	21
All other Causes		0	5	6	4	3	3		3	5	4	5	4	6	2	3	6	6	19	101

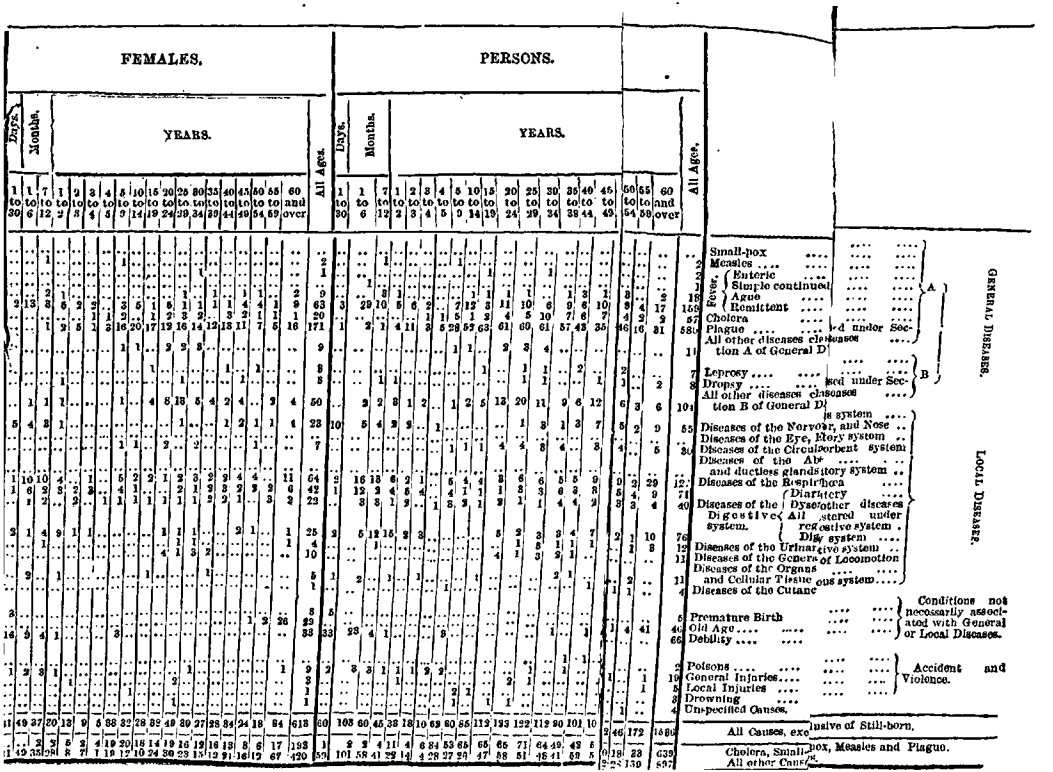
during the Year beginning 1st January 1897.

| FEMALES. | | |

CAUSES of DEATHS at different Ages amongst NATIVE

		MALES.																				
		Days.	Months.	YEARS.																		All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over.		
GENERAL DISEASES.	A Fever. Small-pox																					
	A Fever. Measles																					
	A Fever. Enteric										1											1
	A Fever. Simple continued		1																			1
	A Fever. Ague			1						1	1	1			3		2					9
	A Fever. Remittent	1	16	7		4			4	7	2	6	9	5	8	6	6	5	3	8		86
	A Cholera				1				3	1	1	2	2	3	7	3	6	3	1	1		37
	A Plague																					
	A All other diseases classed under Section A of General Diseases	1	2		2	0	2	2	13	32	46	40	44	47	45	30	24	39	31	15		409
	B Leprosy												1	1								2
	B Dropsy			1										1				1		2		4
	B All other diseases classed under Section B of General Diseases		1	1	2	1	2		2	1	5	7	6	6	4	8	6	1	2			54
LOCAL DISEASES.	Diseases of the Nervous system	5	1	1	1	2		1					3	1	2	5	4	1	6			32
	Diseases of the Eye, Ear, and Nose																					
	Diseases of the Circulatory system										1	2	4	1	4		3	3		5		33
	Diseases of the Absorbent system and ductless glands																					
	Diseases of the Respiratory system	1	6	3	2	2			2	2	2	1	3	3	3	5	5	2	13			63
	Diseases of the Digestive system. Diarrhœa		6		1	3	1				1	1	1	3	4		1	3	3	3		29
	Diseases of the Digestive system. Dysentery		2	1	1				2	1		1			2	2	1	3		2		18
	Diseases of the Digestive system. All other diseases registered under Digestive system.		4	3	0	1	2					1	1	2	3	1	5	1	1	2		68
	Diseases of the Urinary system													2	1	1	1		1	2		1
	Diseases of the Generative system															1						1
	Diseases of the Organs of Locomotion and Cellular Tissue	1					1			1					1	1			2			6
	Diseases of the Cutaneous system																1	1				3
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	2																				2
	Old Age																			2	16	17
	Debility	17	14												1		1					33
Accident and Violence.	Poisons															1	1					2
	General Injuries	1	1		1	1	2	2							1		1					10
	Local Injuries													1						1		2
	Drowning									1	1											2
Unspecified Causes										1		1						1				3
All Causes exclusive of Still-born		29	64	28	15	20	0	5	24	46	57	74	74	83	85	62	67	78	28	38		928
Cholera, Small-pox, Measles and Plague		1	2		2	6	2	2	15	33	47	61	49	55	52	33	29	42	13	16		449
All other Causes		28	62	28	13	14	7	3	9	13	10	13	25	28	33	29	38	36	15	22		477

CHRISTIANS during the Year beginning 1st January 1897.



XI

CAUSES of DEATHS at different Ages amongst EURASIANS

		MALES.																			
		Days.	Months.	YEARS.																	All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Febrile: Small-pox																				
	A. Febrile: Measles																				
	A. Febrile: Enteric											1									1
	A. Febrile: Simple continued																				
	A. Febrile: Ague																				
	A. Febrile: Remittent	1		1						2			1								5
	A. Cholera																				
	A. Plague					1				4	6	6	3	1	2		1	2			26
	A. All other diseases classed under Section A of General Diseases																				
	B. Leprosy																				
	B. Dropsy																				
	B. All other diseases classed under Section B of General Diseases											3	2	1			1				9
LOCAL DISEASES.	Diseases of the Nervous system		1	1	1											1	1			1	6
	Diseases of the Eye, Ear, and Nose																				
	Diseases of the Circulatory system																1	1			2
	Diseases of the Absorbent system and ductless glands																				
	Diseases of the Respiratory system	3		3		1		1						3	2					2	15
	Diseases of the Digestive system: Diarrhœa		6											1			1			1	8
	Diseases of the Digestive system: Dysentery									1										1	2
	Diseases of the Digestive system: All other diseases registered under Digestive system		2	2	1	1								1	1	1	1				9
	Diseases of the Urinary system												1								1
	Diseases of the Generative system																				
	Diseases of the Organs of Locomotion and Cellular Tissue																				
	Diseases of the Cutaneous system			1																	1
Conditions not exclusively associated with General or Local Diseases.	Premature Birth	1																		3	1
	Old Age																				3
	Debility	1	1												1						3
Accident and Violence.	Poisons										1										1
	General Injuries																				
	Local Injuries																				
	Drowning																				
Unspecified Causes					1																1
All Causes, exclusive of Still-born		6	8	8	4	1	1		1	7	7	10	7	4	6	4	3	4	2	10	92
Cholera, Small-pox, Measles and Plague					1					4	6	6	3	1	2		1	2			26
All other Causes		6	8	8	3	1	1		1	3	1	4	4	3	4	4	2	2	2	10	66

during the Year beginning 1st January 1897.

| | | FEMALES. | | |

XI.

CAUSES of DEATHS at different Ages amongst EUROPEANS

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A Fever. Small-pox																			
	A Fever. Measles																			
	A Fever. Enteric								1			3	4	2	1	1				12
	A Fever. Simple continued												1							1
	A Fever. Ague		1																	1
	A Fever. Remittent		1	2		1			1							1	1	2	1	10
	A Cholera										1						1			2
	A Plague					1			1		2		1	1	1	1	2		1	11
	A All other diseases classed under Section A of General Diseases							1				1				1		1		
	B Leprosy																		1	1
	B Dropsy																			
	B All other diseases classed under Section B of General Diseases						1			1	1	1				2	2			9
LOCAL DISEASES.	Diseases of the Nervous system	2	2	3		1								2	1		1			14
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system													1	1	1		1	2	7
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system	1	1	1											2	1		1		8
	Diseases of the Digestive system. Diarrhœa	1	2	1	1								1				1		1	4
	Diseases of the Digestive system. Dysentery			2						1						1		1	2	13
	Diseases of the Digestive system. All other diseases registered under Digestive system	1		2	2							1	2	1	2	1	2	1		16
	Diseases of the Urinary system													1		1	1	2	1	6
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																		1	1
Conditions not early associated with General Local Diseases.	Premature Birth	3																		3
	Old Age																		3	3
	Debility	1																		1
Evident and Violence.	Poisons															1			1	2
	General Injuries																			
	Local Injuries							1						1		1			1	4
	Drowning													1						2
Specified Causes														1				1		1
All Causes, exclusive of Still-born		9	6	12	3	4	1	1	4	..	5	8	17	11	7	10	12	6	9	141
Cholera, Small-pox, Measles and Plague						1	..	..	1	..	3	..	1	1	1	1	3	..	1	13
All other Causes		9	6	12	3	3	1	1	3	..	2	8	16	10	6	9	9	6	8	128

II.

during the Year beginning 1st January 1897.

| FEMALES. | | |

X

CAUSES of DEATHS at different Ages amongst NEGRO

MALES.

	Days.	Months.	YEARS.															All Ages.
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 & over	
GENERAL DISEASES. A. Fever. Small-pox																				
Measles																				
Enteric																				
Simple continued										1										1
Ague																	0			
Remittent				1				1					3		1		1			7
Cholera																				
Plague										1				1	1					3
All other diseases classed under Section A of General Diseases																				
B. Leprosy																				
Dropsy																				
All other diseases classed under Section B of General Diseases									1		1	3	4	2	2		4		1	18
LOCAL DISEASES. Diseases of the Nervous system																				
Diseases of the Eye, Ear, and Nose																				
Diseases of the Circulatory system															1					1
Diseases of the Absorbent system and ductless glands																				
Diseases of the Respiratory system			1						1	1		2	1				1			7
Diseases of the Digestive System. Diarrhœa																				
Dysentery															1					1
All other diseases registered under Digestive system											2									2
Diseases of the Urinary system																				
Diseases of the Generative system																				
Diseases of the Organs of Locomotion and Cellular Tissue																				
Diseases of the Cutaneous system																				
Conditions not necessarily associated with General or Local Diseases. Premature Birth																				
Old Age																				
Debility	1																			1
Accident and Violence. Poisons																				
General Injuries																				
Local Injuries														1						1
Drowning																				
Unspecified Causes																				
All Causes, exclusive of Still-born	1		1	1				1	3	2	3	5	8	4	6		6		2	43
Cholera, Small-pox, Measles, and Plague										1				1	1					3
All other Causes	1		1	1				1	3	1	3	5	8	3	5		6		2	40

IV.

AFRICANS during the Year beginning 1st January 1897.

| FEMALES. | | |

XV.

CAUSES of DEATHS at different Ages amongst CHINESE

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A. Small-pox																			
	A. Measles																			
	A. Fever. Enteric																			
	A. Fever. Simple continued																			
	A. Fever. Ague																			
	A. Fever. Remittent																		1	1
	A. Cholera																			
	A. Plague																			
	A. All other diseases classed under Section A of General Diseases																			
	B. Leprosy																			
	B. Dropsy																			
	B. All other diseases classed under Section B of General Diseases														1		1			2
LOCAL DISEASES.	Diseases of the Nervous system																			
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																	1		1
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system																		1	1
	Diseases of the Digestive system. Diarrhœa																		1	1
	Diseases of the Digestive system. Dysentery													1		1				2
	Diseases of the Digestive system. All other diseases registered under Digestive system								1											1
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue																			
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Promature Birth																		1	1
	Old Age																			
	Debility																			
Accident and Violence.	Poisons																			
	General Injuries																			
	Local Injuries																			
	Drowning																			
Unspecified Causes																				
All Causes, exclusive of Still-born									1					1		1	1	1	6	13
Cholera, Small-pox, Measles and Plague																				
All other Causes									1					1		1	1	1	6	11

during the Year beginning 1st January 1897.

| FEMALES. | | |

X

CAUSES of DEATHS at different Ages amongst OTHER and

MALES.

		Days.	Months.	YEARS.																All Ages.
		1 to 30	1 to 6.	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES.	A — Small-pox																			
	A — Measles																			
	A — Fever: Enteric																			
	A — Fever: Simple continued																			
	A — Fever: Ague																			
	A — Fever: Remittent		1															1		2
	A — Cholera												1							1
	A — Plague						1					1	1	4	2	1		1		11
	A — All other diseases classed under Section A of General Diseases																			
	B — Leprosy																			
	B — Dropsy																			
	B — All other diseases classed under Section B of General Diseases							1												1
LOCAL DISEASES.	Diseases of the Nervous system																			
	Diseases of the Eye, Ear, and Nose																			
	Diseases of the Circulatory system																			
	Diseases of the Absorbent system and ductless glands																			
	Diseases of the Respiratory system	1		1										1					2	5
	Diseases of the Digestive system: Diarrhœa			1		1														2
	Diseases of the Digestive system: Dysentery																			
	Diseases of the Digestive system: All other diseases registered under Digestive system																			
	Diseases of the Urinary system																			
	Diseases of the Generative system																			
	Diseases of the Organs of Locomotion and Cellular Tissue													1						1
	Diseases of the Cutaneous system																			
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																			
	Old Age																		3	3
	Debility	3	2												1					6
Accident and Violence.	Poisons																			
	General Injuries															1				1
	Local Injuries																			
	Drowning																			
Unspecified Causes												1		3						4
All Causes, exclusive of Still-born		4	3	2		1	1	1				2	2	6	3	2		2	6	37
Cholera, Small-pox, Measles and Plague							1					1	2	4	2	1		1		12
All other Causes		4	3	2		1		1				1		2	1	1		1	6	25

VI.

UNKNOWN CASTES during the Year beginning 1st January 1897.

	FEMALES.																											PERSONS.																									
	Days.	Months.	YEARS.																		All Ages.	Days.	Months.	YEARS.																		All Ages.		
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over			
Fever.																																																			
																				..	..																				..	..	Small-pox		
																				..	..																				..	..	Measles		
																				..	..																				..	..	Enteric		
																				..	..																				..	..	Simple continued		
								1			1									2	..	1				1				1							1			..	4	Ague		A
																				..	..																				..	..	Remittent		
																				..	..									1											..	1	Cholera		
												1	1							2	..											1	2	5	2	1		1		..	13	Plague		
			1						1											2	..		1						1											..	2	All other diseases classed under Section A of General Diseases		
																				..	..																				..	..	Leprosy		
																				..	..																				..	..	Dropsy		B
												1		1						2	..						1						1		1					..	3	All other diseases classed under Section B of General Diseases		
		1																		1	..	1																		..	1	Diseases of the Nervous system		
																				..	..																				..	..	Diseases of the Eye, Ear, and Nose		
																				..	..																				..	..	Diseases of the Circulatory system		
																				..	..																				..	..	Diseases of the Absorbent system and ductless glands		
	1							1												2	2		1				1						1							2	7	Diseases of the Respiratory system		
																				..	..		1	1																	1	1	Diseases of the Digestive system.	Diarrhœa	
																				..	..																				..	..		Dysentery	
																				..	..																				..	..		All other diseases registered under Digestive system.	
																				..	..																				..	..	Diseases of the Urinary system		
																				..	..																				..	..	Diseases of the Generative system		
																				..	..																				..	..	Diseases of the Organs of Locomotion and Cellular Tissue		
														1						1	..												1							..	1	Diseases of the Cutaneous system		
																				..	..																				..	..	Premature Birth		Conditions not necessarily associated with General or Local Diseases.
																	1		2	3	..																		3	..	..	3	Old Age		
	1																			1	..	4	2													1					..	7	Debility		
																				..	..																				..	..	Poisons		
																				..	..																1				..	1	General Injuries		Accident and Violence.
	1	1										1								2	..	1	1							1											..	3	Local Injuries		
																				..	..																				..	..	Drowning		
	1	1										1								3	..	1	1							1											..	4	Undescribed Causes.		
	3	2	1	..	..	..	..	2	..	1	1	1	2	1	1	..	1	..	3	19	7	5	3	..	1	1	1	2	..	1	3	5	8	7	3	..	3	..	8	56	All Causes, exclusive of Still-born.	
	3	2	1	..	..	..	..	2	..	1	1	1	1	1	1	..	1	..	3	17	7	5	3	..	1	1	1	2	..	1	2	3	6	5	3	..	3	..	8	52	Cholera Small-pox, Measles and Plague. All other Causes.	

GENERAL DISEASES. LOCAL DISEASES.

XV.

CAUSES of DEATHS at different Ages amongst

MALES.

		Days.	Months.	YEARS.															All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
GENERAL DISEASES. A	Small-pox	..	2	9	7	2	..	..	1	4	..	..	4	..	..	1	1	1	..	..	32
	Measles	..	10	32	50	27	16	15	16	2	3	3	..	..	..	..	..	..	..	..	174
	Fever: Enteric	..	..	..	..	..	..	..	2	1	2	5	5	4	2	3	..	1	..	..	25
	Fever: Simple continued	14	43	37	35	13	14	11	21	25	25	22	32	40	21	29	10	16	6	24	414
	Fever: Ague	1	5	4	9	5	4	1	8	7	5	9	11	6	7	13	3	5	1	5	109
	Fever: Remittent	22	135	160	124	77	55	53	158	256	235	335	488	358	237	245	112	155	58	212	3440
	Cholera	..	..	6	6	8	11	6	32	50	41	98	153	106	81	67	35	31	19	38	708
	Plague	1	22	22	33	44	49	54	239	649	670	916	1260	1074	737	590	282	367	110	297	7459
	All other diseases classed under Section A of General Diseases	2	28	54	24	4	4	3	..	..	4	8	14	11	16	5	4	6	2	2	191
B	Leprosy	..	..	..	1	..	..	..	..	2	1	1	3	4	3	11	1	7	1	4	44
	Dropsy	..	6	2	8	1	3	2	3	5	4	4	12	8	6	9	7	10	3	24	118
	All other diseases classed under Section B of General Diseases	2	35	131	117	81	45	41	88	159	218	378	428	479	341	377	237	292	110	355	3904
LOCAL DISEASES.	Diseases of the Nervous system	329	208	115	49	13	14	9	17	21	12	25	45	40	41	31	37	52	19	133	1208
	Diseases of the Eye, Ear, and Nose	1	..	..	3	..	..	..	1	..	1	..	..	..	1	1	1	..	1	2	12
	Diseases of the Circulatory system	..	1	..	..	..	..	..	..	1	10	14	16	19	21	14	22	12	10	29	169
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	1	..	1	5
	Diseases of the Respiratory system	72	366	402	260	91	44	33	68	92	80	158	235	249	189	232	138	238	110	1140	4197
	Diseases of the Digestive system: Diarrhœa	1	53	120	99	48	37	14	32	37	23	56	68	98	74	69	41	64	27	137	1112
	Diseases of the Digestive system: Dysentery	1	8	35	55	42	25	33	57	67	50	58	87	97	93	85	48	54	22	108	1016
	Diseases of the Digestive system: All other diseases registered under Digestive system	4	20	40	67	45	22	8	28	16	22	40	54	63	56	56	45	26	29	73	724
	Diseases of the Urinary system	..	..	..	1	1	1	1	2	1	5	6	6	9	13	8	10	11	4	14	93
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	3	2	1	..	1	3	4	14
	Diseases of the Organs of Locomotion and Cellular Tissue	1	2	2	1	1	2	3	5	5	6	5	9	14	10	11	6	2	5	9	89
	Diseases of the Cutaneous system	..	1	1	1	..	..	..	1	..	1	..	2	..	2	1	6	6	3	11	36
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	10	444	473
	Debility	690	222	58	29	7	5	3	6	4	4	10	11	11	8	7	10	..	..	..	1085
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	1	7	4	4	6	2	2	3	1	1	2	33
	General Injuries	2	1	3	1	1	2	2	5	2	4	17	21	19	20	22	18	12	10	23	184
	Local Injuries	1	..	..	..	1	3	1	5	5	6	8	20	13	14	12	..	6	1	10	106
	Drowning	..	..	..	..	..	..	..	3	7	7	4	12	7	7	4	4	1	2	2	60
Unspecified Causes		1	1	2	2	..	..	..	2	2	2	5	7	8	10	5	2	..	2	6	57
All Causes, exclusive of Still-born		1156	1174	1284	982	510	356	293	845	1413	1452	2191	2984	2747	2004	1910	1084	1407	563	3105	27414
Cholera, Small-pox, Measles and Plague		1	84	69	96	81	76	75	338	696	714	1019	1417	1180	818	668	318	399	129	335	8462
All other Causes		1155	1140	1165	886	429	280	218	507	717	738	1172	1567	1567	1186	1252	766	1008	434	2774	18961

II.

ALL RACES and CASTES during the Year beginning 1st January 1897.

Days.	Months.	YEARS.																		All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over	
FEMALES.																				
		5	3	3	2	1	4	1	2	3	1	2	1	1	1	1	1	1	1	29
		10	51	27	19	12	11	29	2	1	1	2	1	1	1	1	1	1	1	165
		1		1																2
		37	49	26	16	15	9	16	34	20	16	14	18	11	8	4	9	6	17	343
		5	7	11	7	1	3	6	3	2	1	1	1	1	2	1	1	1	2	56
		15	141	138	149	91	58	53	211	289	184	187	193	186	121	98	68	91	91	2107
		3	3	6	15	5	14	6	33	28	23	50	76	75	31	23	22	5	28	477
		3	32	28	31	47	31	83	292	475	328	349	385	370	232	205	137	76	67	3165
		4	17	36	23	13	7	1	5	6	33	67	59	54	21	15	3	1	1	389
			1					1	2	2		2	2		3	2	2		3	24
			1		6	3	1		1	8	4	9	6	5	11	5	5	3	11	80
		9	26	22	146	49	43	33	104	292	312	438	474	441	265	280	188	209	80	3379
		223	195	91	51	14	29	11	13	13	25	23	28	10	12	18	20	14	20	980
			1		1			1		1	2	3	2	1	3	1	1	1	1	19
		59	220	408	270	80	60	50	94	129	63	98	122	126	87	125	78	107	81	2127
		61	54	118	195	83	31	17	33	29	14	26	33	29	20	25	19	16	12	794
		1	14	88	65	50	35	27	57	48	13	23	25	33	30	24	22	19	16	592
		7	19	42	59	47	28	7	23	21	17	10	12	15	8	9	10	3	2	396
							1	1	2	2	1	1	2	2	2	2	1	1	1	20
		1	5	5	6	5	1	1	6	2	1	4	6	3	2	2	2	2	5	64
			2	2	2	1	1			1			2	2	1	2	1			15
		2	9	11																22
		541	511	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		27	49	36

XV

DEATHS from different CAUSES in different Months

MALES.

CAUSES OF DEATHS.	1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.			
	January.	February.	March.	Total	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.
GENERAL DISEASES.																				
Small-pox	2	6	5	13	1	6	8	15	3	1	..	4	..	..	..	..	3	8	3	9
Measles	83	22	27	82	23	19	14	56	6	4	4	14	2	9	11	22	29	24	27	80
Fevers A Enteric	6	2	3	11	3	..	3	6	3	4	..	6	..	..	..	..	1	..	..	1
Fevers A Simple continued	103	70	28	201	15	10	18	43	38	47	48	133	27	20	20	67	73	47	33	153
Fevers A Ague	22	15	12	49	3	3	5	11	11	11	8	30	10	7	2	19	16	23	10	49
Fevers A Remittent	1011	493	272	1776	139	86	124	349	208	257	279	744	198	165	208	571	604	358	214	1176
Cholera	..	..	..	..	13	11	26	50	192	360	86	638	58	29	13	100	..	..	..	..
Plague	1452	2211	1632	5275	870	212	72	1154	31	66	132	219	137	187	487	811	678	1138	792	2608
All other diseases classed under Section A of General Diseases	8	8	11	27	5	15	8	28	21	15	21	57	19	21	39	79	39	29	36	104
Leprosy	4	2	3	9	6	5	3	14	3	3	2	8	5	1	2	8	..	3	6	9
Dropsy	6	11	7	24	15	7	4	26	5	11	11	27	23	5	10	38	9	10	3	22
All other diseases classed under Section B of General Diseases	566	354	325	1245	254	223	216	693	282	299	338	919	365	325	357	1047	533	358	345	1236
LOCAL DISEASES.																				
Diseases of the Nervous system	137	61	85	283	97	100	98	295	88	114	103	305	117	104	104	325	90	58	75	223
Diseases of the Eye, Ear and Nose	1	..	..	1	..	1	1	2	..	5	..	5	1	2	1	4	..	1	1	2
Diseases of the Circulatory system	17	12	13	42	16	9	11	36	8	10	11	29	13	28	21	62	9	5	7	21
Diseases of the Absorbent system and ductless glands	1	..	..	1	..	..	3	3	..	1	..	1	..	..	..	..	..	..	..	..
Diseases of the Respiratory system	569	378	341	1288	226	204	242	672	317	373	431	1121	366	338	412	1116	496	329	239	1064
Diseases of the Digestive system. Diarrhœa	97	102	95	294	84	73	80	236	122	111	89	322	84	86	99	269	71	65	69	205
Diseases of the Digestive system. Dysentery	99	104	86	288	57	69	47	173	77	127	102	306	89	69	90	248	74	61	60	195
Diseases of the Digestive system. All other diseases registered under Digestive system	102	65	58	225	45	40	46	131	59	78	57	189	61	52	76	179	45	37	32	114
Diseases of the Urinary system	4	8	7	19	4	4	5	13	12	11	10	33	6	11	11	28	2	1	3	6
Diseases of the Generative system	2	1	3	6	..	1	2	3	1	..	..	1	4	..	..	4	79	61	60	190
Diseases of the Organs of Locomotion and Cellular Tissue	13	6	5	24	6	10	4	20	12	13	12	37	7	9	2	18	4	5	..	9
Diseases of the Cutaneous system	2	5	2	9	1	1	4	6	2	2	6	10	4	2	5	11	4	3	2	9
Conditions not necessarily associated with General or Local Diseases. Still-born	57	41	52	150	52	54	69	175	61	82	86	229	86	89	69	244	52	27	31	110
Premature Birth	2	1	..	3	..	1	2	3	1	..	1	2	2	1	1	4	1	1	1	3
Old Age	78	85	52	195	49	23	25	97	22	38	34	94	25	34	28	87	109	84	76	269
Debility	85	64	62	211	72	84	93	249	98	101	110	313	120	83	109	312	85	63	60	208
Accident or Violence. Poisons	2	..	3	5	5	7	4	16	2	3	2	7	1	2	3	6	..	..	..	..
Accident or Violence. General Injuries	14	13	16	43	13	10	9	32	8	23	14	45	21	24	19	64	1	3	1	5
Accident or Violence. Local Injuries	3	6	10	24	3	14	5	27	11	7	13	31	12	8	4	24	1	2	1	4
Accident or Violence. Drowning	3	2	4	9	4	5	10	19	7	10	2	19	6	2	5	13	2	3	5	11
Unspecified Causes	20	1	5	26	4	1	3	8	1	6	2	9	5	4	5	14	3	..	3	6
Total	4508	4129	3223	11860	2090	1207	1264	4561	1708	2178	2020	5907	1864	1717	2205	5786	3121	2792	2196	8109
All Causes, exclusive of Still-born	4449	4088	3171	11708	2038	1253	1195	4486	1648	2093	1934	5678	1778	1628	2136	5542	3069	2772	2165	8006
Cholera, Small-pox, Measles and Plague	1407	2239	1664	5370	907	248	120	1275	232	421	222	875	197	225	511	933	710	1165	832	2707
All other Causes	2982	1849	1507	6339	1131	1005	1075	3211	1416	1675	1712	4803	1581	1403	1625	4609	2359	1607	1333	5299

	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.
	1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.			

MALES.

III.

Arranged in Quarters for the Year beginning 1st January 1897.

FEMALES.												PERSONS.												CAUSES OF DEATHS.		
2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.						
April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	Year.		
3	3	3	9	5	2	..	7	..	5	..	5	5	9	8	22	4	9	11	24	3	3	..	6	11	..	..	..	57	Small-pox	GENERAL DISEASES.
26	18	10	52	12	11	..	23	..	..	..	..	62	46	54	162	49	24	24	107	18	10	12	40	7	12	26	45	336	Measles	
1	1	1	3	2	..	..	2	1	..	..	1	7	3	3	13	4	1	4	9	4	..	..	4	..	2	1	3	29	Enteric	
8	18	20	46	24	41	28	93	25	15	15	55	176	117	61	354	23	28	38	89	62	88	76	226	55	36	33	124	789	Simple continued	Fevers.
6	7	7	20	9	10	12	31	11	3	2	16	38	38	22	98	9	10	13	32	20	21	20	61	21	10	4	35	225	Ague	
108	100	115	323	163	223	192	578	189	114	124	390	615	548	486	1649	247	195	229	672	371	480	471	1322	346	278	338	962	5901	Remittent	A
1	8	18	27	112	247	51	410	32	4	4	40	..	..	..	..	14	19	44	77	304	607	137	1048	90	33	17	140	1265	Cholera	
139	133	32	604	11	16	39	66	43	67	156	266	2110	3340	2424	7883	1309	345	104	1758	42	72	171	285	180	254	643	1077	11003	Plague	
24	25	31	80	28	32	42	100	44	37	34	105	47	37	47	131	29	40	39	108	47	47	63	157	62	48	73	184	580	All other diseases classed under Section A of General Diseases	
5	2	..	7	1	1	2	4	1	1	2	4	4	5	9	18	31	7	3	21	4	4	4	12	6	2	4	12	57	Leprosy	
6	3	5	14	1	6	5	12	9	11	12	32	15	21	10	46	21	10	9	40	6	17	16	39	32	16	22	70	195	Dropsy	
281	208	195	684	318	367	339	1024	347	289	235	971	1099	712	670	2481	515	431	411	1357	600	666	667	1933	712	614	692	2018	7789	All other diseases classed under Section B of General Diseases	B
63	82	82	227	70	68	84	222	93	85	83	261	227	119	160	506	160	182	182	522	168	182	187	527	210	169	187	566	2141	Diseases of the Nervous system	LOCAL DISEASES.
..	1	..	1	..	..	..	..	..	..	..	..	1	1	1	3	..	2	1	3	..	5	..	5	1	2	1	4	15	Diseases of the Eye, Ear and Nose	
1	6	6	13	5	5	4	14	7	3	6	16	26	17	20	63	17	15	17	49	13	15	15	43	20	31	27	78	233	Diseases of the Circulatory system	
1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	1	..	3	4	..	1	..	1	..	..	..	..	6	Diseases of the Absorbent system and ductless glands	
219	219	201	639	255	374	338	967	351	282	336	970	1065	707	580	2352	445	423	443	1311	572	747	789	2108	717	621	748	2086	7857	Diseases of the Respiratory system	
57	50	57	164	70	85	66	221	46	56	57	159	108	171	104	503	151	122	137	410	192	196	155	543	130	136	147	413	1869	Diarrhœa	
42	49	47	138	59	70	61	190	54	41	49	144	173	165	145	483	99	118	94	311	136	197	163	496	142	110	139	392	1682	Dysentery	
84	84	24	82	38	34	26	98	38	32	31	101	147	102	90	339	79	64	70	213	95	107	85	286	89	84	107	280	1117	All other diseases registered under Digestive system	Diseases of the Digestive system.
..	8	2	6	2	7	3	12	8	4	4	16	6	9	10	25	4	7	8	19	14	18	15	47	14	16	14	44	135	Diseases of the Urinary system	
26	28	21	85	23	40	43	106	46	32	57	135	81	52	43	176	36	29	23	88	24	40	43	107	50	32	57	139	530	Diseases of the Generative system	
3	7	6	16	5	3	6	19	6	3	4	13	17	11	5	33	9	17	10	36	17	21	18	56	13	17	6	36	161	Diseases of the Organs of Locomotion and Cellular Tissue	
2	2	2	6	3	..	2	5	2	..	4	6	6	3	4	13	5	3	6	14	5	2	8	15	6	2	9	17	64	Diseases of the Cutaneous system	
36	26	49	113	62	70	54	186	54	55	52	161	109	68	82	259	90	80	118	288	123	152	140	415	140	144	121	405	1368	Still-born	Conditions not necessarily associated with General or Local Diseases.
..	..	1	1	2	..	..	2	..	1	..	1	2	2	1	5	..	..	2	2	3	..	2	5	4	2	1	7	21	Premature Birth	
55	36	31	122	35	48	56	141	39	39	60	138	187	149	128	464	107	59	58	224	57	86	92	235	64	73	78	215	1133	Old Age	
58	61	81	218	80	122	106	308	98	84	77	259	170	127	152	419	140	145	177	462	176	218	222	621	218	167	186	571	2013	Debility	
..	1	1	2	..	2	1	3	..	..	..	..	3	2	3	8	5	5	5	15	2	2	3	10	1	2	5	8	33	Poisons	
2	6	6	14	3	4	5	12	7	10	10	27	18	20	21	59	15	16	15	46	11	27	10	67	28	34	29	91	253	General Injuries	Accident or Violence.
3	1	1	5	3	2	4	10	2	4	5	11	9	9	11	29	11	15	6	32	14	10	17	41	14	12	9	35	137	Local Injuries	
3	..	..	3	3	3	3	9	1	2	3	6	12	5	6	23	6	5	11	22	12	12	4	28	10	6	10	26	92	Drowning	
3	3	2	8	1	..	3	4	1	1	1	3	28	5	8	37	6	1	11	18	12	6	4	22	6	4	6	16	77	Unspecified Causes	
1628	1126	1062	3716	1403	1898	1596	4897	1525	1267	1631	4423	7627	6928	5419	19974	3618	2433	2326	8377	3112	4076	3616	10804	3380	2981	3736	10097	40264	Total.	
1490	1109	1012	3603	1341	1838	1542	4721	1471	1212	1479	4162	7518	6860	5388	19714	3528	2358	2268	8087	2989	3924	3476	10389	3249	2840	3615	9704	47896	All Causes, exclusive of Still-born.	
460	199	63	691	140	276	98	514	50	74	175	299	2177	3494	2489	8067	1876	407	193	1906	372	697	320	1389	277	209	636	1122	12268	Cholera, Small-pox, Measles and Plague,	
1621	941	959	2912	1201	1552	1414	4167	1291	1138	1301	3730	5833	5343	3455	25	11647	2162	1946	2026	6123	3017	3227	12367	3060	2972	2941	8973	35619	All other Causes.	

April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	Year.
2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				
FEMALES.												PERSONS.																

X

NUMBER and PROPORTION of DEATHS from different CAUSES

CAUSES OF DEATHS.		QUARTER, 1ST.						QUARTER, 2ND.					
		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
		No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
GENERAL DISEASES.	Small-pox	18	·11	9	·11	22	·11	15	·32	9	·24	24	·29
	Measles	82	·69	80	·98	162	·81	56	1·20	51	1·37	107	1·28
	A — Fevers: Enteric	11	·09	2	·03	13	·07	6	·13	3	·08	9	·11
	A — Fevers: Simple continued	201	1·70	153	1·89	354	1·77	43	·92	46	1·24	89	1·06
	A — Fevers: Ague	49	·41	49	·60	98	·49	11	·24	20	·54	31	·37
	A — Fevers: Remittent	1776	14·98	1173	14·45	2949	14·76	349	7·49	323	8·69	672	8·03
	A — Cholera	...	...	...	...	...	...	50	1·07	27	·73	77	·92
	A — Plague	5275	44·49	2608	32·13	7883	39·47	1154	24·76	604	16·25	1758	20·99
	A — All other diseases classed under Section A of General Diseases	27	·23	104	1·28	131	·66	28	·60	80	2·15	108	1·29
	B — Leprosy	9	·08	9	·11	18	·09	14	·30	7	·19	21	·25
	B — Dropsy	24	·20	22	·27	46	·23	26	·56	14	·38	40	·48
	B — All other diseases classed under Section B of General Diseases	1245	10·50	1236	15·23	2481	12·42	693	14·87	664	17·87	1357	16·20
LOCAL DISEASES.	Diseases of the Nervous system	283	2·39	223	2·75	506	2·53	295	6·32	227	6·11	522	6·23
	Diseases of the Eye, Ear and Nose	1	·01	2	·02	3	·02	2	·04	1	·03	3	·04
	Diseases of the Circulatory system	42	·35	21	·26	63	·32	36	·77	13	·35	49	·58
	Diseases of the Absorbent system and ductless glands	1	·01	..	..	1	·01	3	·07	1	·03	4	·05
	Diseases of the Respiratory system	1288	10·86	1064	13·11	2352	11·77	672	14·42	639	17·20	1311	15·65
	Diseases of the Digestive system: Diarrhœa	294	2·48	209	2·58	503	2·51	236	5·06	174	4·68	410	4·89
	Diseases of the Digestive system: Dysentery	288	2·43	195	2·40	493	2·41	173	3·71	138	3·71	311	3·71
	Diseases of the Digestive system: All other diseases registered under Digestive system	225	1·89	114	1·41	339	1·69	131	2·81	82	2·21	213	2·54
	Diseases of the Urinary system	19	·16	6	·07	25	·13	13	·27	6	·16	19	·23
	Diseases of the Generative system	6	·05	190	2·34	196	·98	3	·07	85	2·29	88	1·05
	Diseases of the Organs of Locomotion and Cellular Tissue	24	·20	9	·11	33	·17	20	·43	16	·43	36	·43
	Diseases of the Cutaneous system	9	·08	9	·11	18	·09	6	·13	8	·22	14	·17
Conditions not necessarily associated with General or Local Diseases.	Still-born	150	1·26	110	1·30	260	1·30	175	3·75	113	3·04	288	3·44
	Premature Birth	3	·03	3	·04	6	·03	3	·07	2	·05	5	·06
	Old Age	195	1·64	269	3·31	464	2·32	97	2·08	122	3·28	219	2·61
	Debility	211	1·78	208	2·56	419	2·09	249	5·34	213	5·73	462	5·52
Accident & Violence.	Poisons	5	·04	..	..	5	·03	16	·34	2	·05	18	·21
	General Injuries	43	·36	16	·20	59	·30	32	·69	14	·38	46	·55
	Local Injuries	24	·20	5	·06	29	·15	27	·58	5	·13	32	·38
	Drowning	9	·08	7	·09	16	·08	19	·41	3	·08	22	·26
Unspecified Causes		26	·22	11	·14	37	·19	8	·17	4	·11	12	·14
TOTAL		11858	100·00	8116	100·00	19974	100·00	4661	100·00	3716	100·00	8377	100·00
Cholera, Small-pox, Measles and Plague		5870	49·87	2697	33·69	8067	40·92	1275	28·43	691	19·18	1966	24·30
All other Causes		6538	54·13	5409	66·31	11847	59·08	3211	71·58	2912	80·82	6123	75·70
All Causes, exclusive of Still-born		11708	100·00	8006	100·00	19714	100·00	4486	100·00	3603	100·00	8089	100·00

	QUARTER, 1ST.						QUARTER, 2ND.					
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	

IX.

In different QUARTERS for the Year beginning 1st January 1897.

CAUSES OF DEATHS.	QUARTER, 3RD.						QUARTER, 4TH.						YEAR ENDING 31ST DECEMBER 1897					
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Small-pox	4	·07	7	·14	11	·10	..	..	..	..	..	..	82	·11	25	·12	57	·12
Measles	14	·24	31	·63	45	·42	22	·89	23	·63	45	·44	174	·62	185	·88	359	·73
Enteric	6	·10	2	·04	8	·07	2	·08	1	·02	3	·03	25	·09	8	·04	33	·07
Simple continued	133	2·25	93	1·90	226	2·09	67	1·16	53	1·23	120	1·19	444	1·57	345	1·64	789	1·60
Ague	20	·51	31	·63	51	·56	10	·33	16	·37	35	·34	109	·39	116	·55	225	·46
Remittent	741	12·50	578	11·80	1352	12·24	571	9·87	360	9·02	961	9·51	3440	12·19	2464	11·70	5904	11·96
Cholera	626	10·80	410	8·37	1048	9·70	100	1·73	40	·93	140	1·38	708	2·79	477	2·27	1265	2·57
Plague	219	3·71	66	1·35	285	2·64	811	14·02	266	6·15	1077	10·65	7459	26·44	3544	16·83	11003	22·38
All other diseases classed under Section A of General Diseases	57	·96	100	2·04	157	1·46	70	1·38	105	2·43	184	1·82	191	·68	389	1·85	580	1·18
Leprosy	8	·14	4	·08	12	·11	8	·14	4	·09	12	·12	39	·14	24	·11	63	·13
Dropsy	27	·46	12	·25	39	·36	38	·66	32	·74	70	·69	113	·41	80	·38	195	·40
All other diseases classed under Section B of General Diseases	910	15·56	1014	20·71	1032	17·89	1047	18·10	971	22·46	2018	19·96	3904	13·84	3885	18·45	7789	15·81
Diseases of the Nervous system	305	5·18	222	4·53	527	4·88	525	5·62	261	6·01	586	5·80	1208	4·28	933	4·43	2141	4·35
Diseases of the Eye, Ear and Nose	5	·08	..	..	5	·05	4	·07	..	..	4	·04	12	·04	3	·01	15	·03
Diseases of the Circulatory system	29	·49	14	·29	43	·40	62	1·07	16	·37	78	·77	169	·60	64	·30	233	·47
Diseases of the Absorbent system and ductless glands	1	·02	..	..	1	·01	..	..	..	..	..	..	5	·02	1	·01	6	·01
Diseases of the Respiratory system	121	18·98	987	20·16	1108	19·51	1116	19·29	970	22·44	2086	20·64	4197	14·88	3660	17·39	7857	15·95
Diarrhœa	322	5·45	221	4·51	543	5·03	260	4·49	153	3·54	413	4·09	1112	3·94	757	3·60	1869	3·79
Dysentery	306	5·18	190	3·88	496	4·59	248	4·29	144	3·33	392	3·88	1015	3·59	867	3·17	1882	3·81
All other diseases registered under Digestive system	189	3·20	96	1·96	285	2·64	179	3·09	101	2·34	280	2·77	724	2·57	393	1·87	1117	2·27
Diseases of the Digestive system	33	·56	14	·29	47	·43	28	·48	16	·37	44	·43	93	·33	42	·20	135	·27
Diseases of the Urinary system	1	·02	106	2·17	107	·99	4	·07	135	3·12	139	1·38	14	·05	516	2·45	530	1·08
Diseases of the Generative system	37	·63	19	·39	56	·52	18	·31	18	·42	36	·35	99	·35	62	·29	161	·33
Diseases of the Organs of Locomotion and Cellular Tissue	10	·17	5	·10	15	·14	11	·19	6	·14	17	·17	36	·13	28	·13	64	·13
Diseases of the Cutaneous system																		
Still-born	229	3·88	186	3·80	415	3·84	244	4·22	161	3·72	405	4·01	738	2·83	570	2·71	1308	2·78
Premature Birth	2	·03	2	·04	4	·04	4	·07	2	·05	6	·06	12	·01	9	·01	21	·04
Old Age	94	1·59	141	2·88	235	2·17	87	1·50	128	2·96	215	2·13	473	1·68	660	3·14	1134	2·30
Debility	313	5·30	308	6·28	621	5·75	312	5·39	259	5·99	571	5·65	1005	3·84	998	4·69	2073	4·21
Conditions not necessarily associated with General or Local Diseases																		
Poisons	7	·12	3	·06	10	·09	5	·08	..	..	5	·05	33	·12	5	·02	38	·08
General Injuries	45	·76	12	·25	57	·53	64	1·11	27	·62	91	·90	184	·65	69	·31	253	·51
Local Injuries	51	·87	10	·20	61	·58	34	·41	11	·26	35	·34	106	·38	31	·15	137	·28
Drowning	19	·32	10	·20	29	·27	13	·22	12	·28	25	·25	60	·21	32	·15	92	·18
Accident & Violence.																		
Unspecified Causes.	9	·15	3	·06	12	·11	14	·24	2	·05	16	·16	57	·20	20	·10	77	·16
Total.	5907	100·00	4697	100·00	10604	100·00	5786	100·00	4353	100·00	10139	100·00	28242	100·00	21052	100·00	49294	100·00
Cholera, Small-pox, Measles and Plague.	875	14·81	514	10·91	1389	13·07	933	16·04	339	7·90	1272	13·00	8453	30·08	4231	20·66	12684	26·48
All other Causes.	4803	84·59	4197	89·09	9000	86·93	4609	83·16	3833	92·10	8442	87·00	19961	69·17	16251	79·34	35212	73·52
All Causes, exclusive of Still-born.	5678	100·00	4711	100·00	10389	100·00	5542	100·00	4162	100·00	9704	100·00	27414	100·00	20482	100·00	47896	100·00
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
	QUARTER, 3RD.						QUARTER, 4TH.						YEAR ENDING 31ST DECEMBER 1897.					

GENERAL DISEASES.

LOCAL DISEASES.

X

NUMBER AND PROPORTION OF DEATHS FROM EPIDEMIC AND FROM

beginning 1st

CAUSES OF DEATHS.	QUARTER, 1ST.								QUARTER, 2ND.					
	January.		February.		March.		Quarter.		April.		May.		June.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Small-pox	5	·23	9	·26	8	·32	22	·27	4	·29	9	2 21	11	6·01
Measles	62	2·85	46	1·35	54	2·17	162	2·01	49	3·56	34	8·35	24	13·11
Cholera	...	...	...	...	...	...	...	...	14	1·02	19	4·67	44	24·04
Plague	2110	96·92	3349	98·39	2424	97·51	7883	97·72	1309	95·13	345	84·77	104	56·84
Epidemic Causes	2177	100·00	3404	100·00	2486	100·00	8067	100·00	1376	100·00	407	100·00	183	100·00
Fevers	1836	34·38	1006	29·11	572	20 07	3414	29·31	283	13·15	225	11·56	293	14·47
Nervous system	227	4·25	119	3·44	160	5·61	506	4·34	160	7·43	182	9·35	180	8·89
Respiratory do.	1065	19·94	707	20·46	580	20·35	2352	20·19	445	20·68	423	21·74	443	21·88
Diarrhœa	168	3·15	171	4·95	164	5·76	503	4·32	151	7·02	122	6·27	137	6·77
Dysentery	173	3·24	165	4·77	145	5·09	483	4·15	99	4·60	118	6·06	94	4·64
Other Causes not Epidemic	1872	35·04	1288	37·27	1229	43·12	4389	37·69	1014	47·12	876	45·03	878	43·35
All Causes except Epidemic	5341	100·00	3456	100·00	2850	100·00	11647	100·00	2152	100·00	1946	100·00	2025	100·00
Epidemic Causes	2177	28·96	3404	49·62	2486	46·59	8067	40·92	1376	39·00	407	17·30	183	8·29
All other Causes	5341	71·04	3456	50·38	2850	53·41	11647	59·08	2152	61·00	1946	82·70	2025	91·71
All Causes except Stillborn	7518	100·00	6860	100·00	5336	100·00	19714	100·00	3528	100·00	2353	100·00	2208	100·00

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	January.		February.		March.		Quarter.		April.		May.		June.	
	QUARTER, 1ST.								QUARTER, 2ND.					

X.

PRINCIPAL CAUSES by Months and Quarters for the Year January 1897.

Quarter.		July.		August.		September.		Quarter.		October.		November.		December.		Quarter		Causes of Deaths.
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop	
24	1·22	8	2·15	3	·43	...	...	11	·79	...	...	...	...	...	...	...	...	Small-pox.
107	5·44	18	4·84	15	2·15	12	3·75	45	3·24	7	2·53	12	4·01	26	3·79	45	3·57	Measles.
77	3·92	304	81·72	607	87·03	137	42·81	1048	75·45	90	32·49	83	11·04	17	2·48	140	11·09	Cholera.
1758	89·42	42	11·29	72	10·33	171	53·44	285	20·52	180	64·98	254	84·95	643	93·73	1077	85·39	Plague.
1966	100·00	372	100·00	697	100·00	320	100·00	1389	100·00	277	100·00	299	100·00	686	100·00	1262	100·00	Epidemic Causes.
801	13·08	457	17·47	693	18·38	567	17·97	1617	17·97	422	14·20	324	12·75	373	12·73	1119	13·20	Fevers.
522	8·53	158	6·04	182	5·64	187	5·93	527	5·86	210	7·07	189	7·44	187	6·38	586	6·92	Nervous system.
1311	21·41	572	21·86	747	23·15	789	25·00	2108	23·42	717	24·13	621	24·44	748	25·54	2086	24·71	Respiratory do.
410	6·70	192	7·34	196	6·07	155	4·91	543	6·03	130	4·37	136	5·35	147	5·02	413	4·88	Diarrhœa.
311	5·08	136	5·20	197	6·10	163	5·16	496	5·51	143	4·81	110	4·33	139	4·75	392	4·64	Dysentery.
2768	45·20	1102	42·09	1312	40·66	1295	41·03	3709	41·21	1350	45·42	1161	45·69	1335	45·58	3846	45·56	Other Causes not Epidemic.
6123	100·00	2617	100·00	3227	100·00	3156	100·00	9000	100·00	2972	100·00	2541	100·00	2929	100·00	8442	100·00	All Causes except Epidemic.
1966	24·30	372	12·45	697	17·75	320	9·21	1389	13·37	277	8·53	299	10·53	686	18·98	1262	13·00	Epidemic Causes.
6123	75·70	2617	87·55	3227	82·24	3156	90·79	9000	86·63	2972	91·47	2541	89·47	2939	81·02	8442	87·00	All other Causes.
8089	100·00	2989	100·00	3924	100·00	3476	100·00	10389	100·00	3249	100·00	2840	100·00	3615	100·00	9704	100·00	All Causes except Still-born.
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop	
Quarter.		July.		August.		September		Quarter.		October.		November.		December.		Quarter.		
		Quarter, 3rd.								Quarter, 4th.								

XX.

PROPORTION of MALE to FEMALE DEATHS from different Causes in

			Quarter, 1st.			Quarter, 2nd.		
			Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
General Diseases	A	Small-pox	13	9	144·44	15	9	166·66
		Measles	82	80	102·50	56	51	109·80
		Fevers... Enteric	11	2	550·00	6	3	200·00
		Fevers... Simple continued	201	153	131·37	43	46	93·47
		Fevers... Ague	49	49	100·00	11	20	55·00
		Fevers... Remittent	1,776	1,173	151·40	349	323	108·04
		Cholera	...	...	...	50	27	185·18
		Plague	5,275	2,608	202·26	1,154	604	191·05
		All other diseases classed under Section A of General Diseases.	27	104	25·96	28	80	35·00
	B	Leprosy	9	9	100·00	14	7	200·00
		Dropsy	24	22	109·09	26	14	185·71
		All other diseases classed under Section B of General Diseases...	1,245	1,236	100·72	693	664	104·36
Local Diseases		Diseases of the Nervous system	283	223	126·90	295	227	129·95
		" Eye, Ear, and Nose	1	2	50·00	2	1	200·00
		" Circulatory system	42	21	200·00	36	13	276·92
		" Absorbent system and Ductless Glands	1	...	...	3	1	300·00
		" Respiratory system	1,288	1,064	121·05	672	639	105·16
		Diseases of the Digestive system. Diarrhœa	294	209	140·66	236	174	136·63
		Diseases of the Digestive system. Dysentery	288	195	147·69	173	138	125·36
		Diseases of the Digestive system. All other diseases registered under Digestive system	225	114	197·36	131	82	159·75
		Diseases of the Urinary system	19	6	316·66	13	6	216·66
		" Generative system	6	190	31·57	3	85	3·52
		" Organs of Locomotion and Cellular Tissue.	24	9	266 66	20	16	125·00
		" Cutaneous system	9	9	100·00	6	8	75·00
Conditions not necessarily associated with General or Local Diseases			Still-born	150	110	136·36	175	113	154·86
			Premature Birth	8	8	100·00	3	2	150·00
			Old Age	195	269	72·49	97	122	79·50
			Debility	211	208	101·44	249	213	116·90
Accident and Violence			Poisons	5	...	...	16	2	800·00
			General Injuries	43	16	268·75	32	14	228·57
			Local Injuries	24	5	480·00	27	5	540·00
			Drowning	9	7	128·57	19	3	633·33
Unspecified Causes				26	11	226·26	8	4	200·00
			Total	11,858	8,116	146·10	4,661	3,716	125·43
Cholera, Small-pox, Measles and Plague				5,370	2,697	199·11	1,276	691	184·51
All other Causes				6,338	5,309	119·38	3,211	2,912	110·26
All Causes, exclusive of Still-born				11,708	8,006	1,446·24	4,486	3,608	124·50

	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
	Quarter, 1st.			Quarter, 2nd.		

I.

different Quarters for the Year beginning 1st January 1897.

Quarter 3rd.			Quarter 4th.			Year ending 31st December 1897.				
Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.		
4	7	57·14	...	...	...	32	25	128·00	Small-pox	General Diseases.
14	31	45·16	22	23	95·65	174	185	94·05	Measles	
6	2	300·00	2	1	200·00	25	8	312·50	Enteric	
133	93	143·01	67	53	126·41	444	345	128·69	Simple continued Fevers	
30	31	96·77	19	16	118·75	109	116	93·96	Ague	
744	578	128·71	571	390	146·41	3,440	2,464	139·61	Remittent	A
638	410	155·60	100	40	250·00	788	477	165·19	Cholera	
219	66	331·81	811	266	304·88	7,459	3,544	210·46	Plague	
57	100	57·00	79	105	75·23	191	389	49·10	All other diseases classed under Section A of General Diseases.	
8	4	200·00	8	4	200·00	39	24	162·50	Leprosy	B
27	12	225·00	38	32	118·75	115	80	143·75	Dropsy	
									All other diseases classed under Section B of General Diseases.	
919	1,014	90·63	1,047	971	107·82	3,904	3,885	100·48	Diseases of the Nervous system	Local Diseases.
305	222	137·38	325	261	124·52	1,208	933	129·47	Eye, Ear, and Nose	
5	...	...	4	...	...	12	3	400·00	Circulatory system	
29	14	207·16	62	16	387·50	169	64	264·06	Absorbent system and Ductless Glands	
1	...	...	...	...	...	5	1	500·00	Respiratory system	
1,121	987	113·57	1,116	970	115·05	4,197	3,660	114·67	Diarrhœa	
322	221	145·70	260	153	169·93	1,112	757	146·89	Dysentery	
306	190	161·05	248	144	172·22	1,015	667	152·17	All other diseases registered under Digestive system	
189	96	196·87	179	101	177·22	724	393	184·22	Diseases of the Urinary system	
33	14	235·71	28	16	175·00	93	42	221·42	Generative system	
1	106	·94	4	135	2·96	14	516	2·71	Organs of Locomotion and Cellular Tissue	
37	19	194·73	18	18	100·00	99	62	159·67	Cutaneous system	
10	5	200·00	11	6	183·33	36	28	128·57		
229	186	123·11	244	161	151·55	798	570	140·00	Still-born	Conditions not necessarily associated with General or Local Diseases.
2	2	100·00	4	2	200·00	12	9	133·33	Premature Birth	
94	141	66·66	87	128	67·96	473	660	71·66	Old Age	
313	308	101·62	312	257	121·40	1,085	988	109·81	Debility	
7	3	233·33	5	...	...	33	5	660·00	Poisons	
45	12	375·00	64	27	237·03	184	69	266·66	General Injuries	Accident and Violence.
31	10	310·00	24	11	218·18	106	31	341·93	Local Injuries	
19	10	190·00	13	12	108·33	60	32	187·50	Drowning	
9	3	300·00	14	2	700·00	57	20	285·00	Unspecified Causes.	
5,907	4, 97	120·62	5,786	4,323	133·84	28,212	21,053	134·01	Total.	
875	·14	170·23	933	329	283·58	8,453	4,231	199·78	Cholera, Small-pox, Measles and Plague.	
4,803	4,197	114·43	4,609	3,833	12 ·24	18,961	16,251	116·67	All other Causes.	
5,678	4 711	120·52	5,542	4.162	133·15	27.414	20,482	133·84	All Causes, exclusive of Still-born.	

Quarter 3rd.			Quarter 4th.			Year ending 31st December 1897.			
Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	

XX

NUMBER and PROPORTION of DEATHS in different MONTHS

Months.	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
JANUARY ...	5	8·78	62	17·27	...	...	2,110	19·18	2,177	17·16	1,836	26·41
FEBRUARY.	9	15·79	46	12·81	...	...	3,349	30·44	3,404	26·84	1,006	14·47
MARCH	8	14·03	54	15·04	...	...	2,424	22·03	2,486	19·60	572	8·23
APRIL.....	4	7·02	49	13·65	14	1·11	1,309	11·90	1,376	10·85	283	4·07
MAY	9	15·79	34	9·47	19	1·50	345	3·14	407	3·21	225	3·24
JUNE	11	19·29	24	6·69	44	3·48	104	·95	183	1·44	293	4·21
JULY	8	14·03	18	5·01	304	24·03	42	·38	372	2·93	457	6·58
AUGUST.....	3	5·27	15	4·18	607	47·99	72	·65	697	5·50	593	8·53
SEPTEMBER	...	...	12	3·34	137	10·83	171	1·55	320	2·52	567	8·16
OCTOBER ...	...	...	7	1·95	90	7·11	180	1·63	277	2·18	422	6·07
NOVEMBER	...	...	12	3·34	33	2·61	254	2·31	299	2·36	324	4·66
DECEMBER	...	...	26	7·25	17	1·34	643	5·84	686	5·41	373	5·37
Total...	57	100·00	359	100·00	1265	100·00	11,003	100·00	12,684	100·00	6,951	100·00

	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.	

II.

from different Causes for the Year beginning 1st January 1897.

Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.		
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
227	10·61	1,065	13·55	168	8·99	173	10·29	1,872	12·72	5,341	15·17	7,518	15·70	JAN
119	5·56	707	9·00	171	9·15	165	9·81	1,288	8·76	3,456	9·82	6,860	14·32	FEB ARY.
160	7·47	580	7·38	164	8·77	145	8·62	1,229	8·35	2,850	8·09	5,336	11·14	MAR CH.
160	7·47	445	5·66	151	8·08	99	5·89	1,014	6·89	2,152	6·11	3,528	7·37	APR IL.
182	8·50	423	5·38	122	6·53	118	7·02	876	5·95	1,946	5·53	2,353	4·91	MAY.
180	8·41	443	5·64	137	7·33	94	5·59	878	5·97	2,025	5·75	2,208	4·61	JUN E.
158	7·38	572	7·28	192	10·27	136	8·09	1,102	7·49	2,617	7·43	2,989	6·24	JUL Y.
183	8·50	747	9·51	196	10·49	197	11·71	1,312	8·92	3,227	9·16	3,924	8·19	AUG UST.
187	8·73	789	10·04	155	8·29	163	9·69	1,295	8·80	3,156	8·96	3,476	7·26	SEPT EMBER
210	9·81	717	9·13	130	6·96	143	8·50	1,350	9·18	2,972	8·44	3,249	6·78	OCT BER.
189	8·83	621	7·91	136	7·28	110	6·53	1,161	7·89	2,541	7·22	2,840	5·93	NOV MBE
187	8·73	748	9·52	147	7·86	139	8·26	1,335	9·08	2,929	8·32	3,615	7·55	DE MBER
2,141	100·00	7,857	100·00	1,869	100·00	1,682	100·00	14,712	100·00	35,212	100·00	47,896	100·00	TOTA L.

No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes except Epidemic		All Causes, except Still-born.		

XXIII.

DEATHS in different RACES and CASTES in different Months arra

beginning from 1st January 1897.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low Castes.	Mussulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asarcophagous Castes.	Sarcophagous Castes.	Still-born.	Total.	MONTHS.
MALES.																					
January	176	226	3	35	3,425	303	855	170	19	197	15	11	4	2	9	4,449	440	4,009	57	4,506	January.
February	89	180	5	29	2,500	295	693	97	10	158	16	10	2	1	3	4.088	303	3,785	41	4,129	February.
March	49	140	6	28	1,775	311	636	53	17	134	8	8	3	1	2	3,171	223	2,948	52	3,223	March.
Quarter 1st.	314	546	14	92	6.700	908	2,184	320	46	489	39	29	9	4	14	11,708	966	10,742	150	11,858	Quarter 1st.
April	89	64	7	24	1,000	147	548	45	15	69	7	8	2	...	13	2,038	184	1.854	52	2,090	April.
May	29	16	2	9	615	114	364	46	4	37	5	8	1	...	3	1,253	56	1,197	54	1,307	May.
June	30	38	2	10	565	121	319	48	5	39	6	19	2	...	1	1,195	70	1,125	69	1,264	June.
Quarter 2nd.	148	108	11	43	2,180	382	1,231	139	24	145	18	35	5	...	17	4,486	310	4,176	175	4,661	Quarter 2nd.
July	29	47	2	10	865	204	354	50	3	51	5	22	5	1	...	1,648	88	1,560	61	1.709	July.
August	49	60	5	11	1,061	263	487	61	8	64	6	13	6	2	1	2,096	125	1,971	82	2,178	August.
September	55	55	2	13	1,010	210	448	54	13	53	8	8	3	2	1	1,934	125	1,809	86	2,020	September.
Quarter 3rd.	133	162	9	34	2,936	677	1,289	165	24	167	19	42	14	5	2	5 678	338	5,340	229	5,907	Quarter 3rd
October	70	49	2	11	913	191	424	44	9	35	6	16	4	1	3	1,778	132	1,646	86	1,864	October.
November	93	63	2	16	832	164	361	29	13	37	2	10	5	...	1	1,628	174	1,454	89	1,717	November.
December	131	92	11	13	1,120	160	482	47	6	50	8	9	6	1	...	2,136	247	1,889	69	2,205	December.
Quarter 4th.	294	204	15	40	2,865	515	1,267	120	28	122	16	35	15	2	4	5,542	553	4,989	244	5,786	Quarter 4th.
FEMALES.																					
January	69	78	2	32	1,643	248	691	187	8	78	15	9	6	1	2	3,069	181	2,888	52	3.121	January.
February	26	79	5	13	1,559	270	599	101	6	93	7	5	5	...	4	2,772	123	2,649	27	2,799	February.
March	39	47	6	22	1,159	217	496	59	11	91	7	8	1	1	1	2,165	114	2,051	31	2,196	March.
Quarter 1st.	134	204	13	67	4.361	735	1,786	347	25	262	29	22	12	2	7	8,006	418	7,588	110	8,116	Quarter 1st.

April	47	28	3	20	714	106	437	43	8	39	9	3	1	...	8	1,490	98	1,392	38	1,528	April.
May	17	9	4	7	487		363	52	7	34	6		4	...	...	1,100	37	1,063	26	1,126	May.
June	19	32	1	10	418	123	301	56	5	25	14	5	1	...	...	1,013	62	951	49	1,062	June.
Quarter 2nd.	83	69	8	37	1,619	359	1,101	151	20	98	29	15	6	...	8	3,603	197	3,406	113	3,716	Quarter 2nd.
July	25	17	4	7	627	177	358	60	10	35	9	11	...	...	1	1,341	53	1,288	62	1,403	July.
August	28	39	4	8	913	259	461	50	10	40	7	7	6	...	1	1,828	74	1,754	70	1,898	August.
September	29	30	3	7	721	184	455	48	7	42	4	7	4	...	1	1,542	69	1,473	54	1,596	September.
Quarter 3rd.	77	86	11	22	2,261	620	1,274	158	27	117	20	25	10	...	3	4,711	196	4,515	186	4,897	Quarter 3rd.
October	35	37	1	12	695	187	373	60	11	53	2	4	1	...	...	1,471	85	1,386	54	1,525	October.
November	37	15	1	7	539	130	397	38	8	33	3	1	2	...	1	1,212	60	1,152	55	1,267	November.
December	46	40	3	12	701	169	386	50	8	50	9	4	1	...	...	1,479	101	1,378	52	1,531	December.
Quarter 4th.	118	92	5	31	1,935	486	1,156	148	27	136	14	9	4	...	1	4,162	246	3,916	161	4,323	Quarter 4th.

PERSONS.

January	245	304	5	67	4,068	550	1,546	357	27	275	30	20	10	3	11	7,518	621	6,897	109	7,627	January.
February	115	269	10	42	4,059	565	1,292	198	16	251	23	15	7	1	7	6,860	426	6,434	68	6,928	February.
March	88	187	12	50	2,934	528	1,132	112	28	225	15	16	4	2	3	5,336	337	4,999	83	5,419	March.
Quarter 1st.	448	750	27	159	11,061	1,643	3,970	667	71	751	68	51	21	6	21	19,714	1,384	18,330	260	19 974	Quarter 1st.
April	136	92	10	44	1,714	277	985	88	28	108	16	11	3	...	21	3,528	282	3,246	90	3,618	April
May	46	25	6	16	1,102	220	727	98	11	71	11	12	5	...	3	2,353	93	2,260	80	2,433	May.
June	49	60	3	20	983	244	620	104	10	64	20	27	3	...	1	2,208	132	2,076	118	2,326	June.
Quarter 2nd.	231	177	19	80	3,799	741	2,332	290	44	243	47	50	11	...	25	8,089	507	7,582	288	8,377	Quarter 2nd.
July	54	64	6	17	1,492	381	712	110	13	86	14	33	5	1	1	2,989	141	2,848	123	3,112	July.
August	72	99	9	19	1,974	522	948	111	18	104	13	19	12	2	2	3,924	199	3,725	152	4,076	August.
September	84	85	5	20	1,731	394	903	102	20	94	12	15	7	2	2	3,476	194	3,282	140	3,616	September.
Quarter 3rd.	210	248	20	56	5,197	1,297	2,563	323	51	284	39	67	24	5	5	10,389	534	9,855	415	10,804	Quarter 3rd.
October	105	86	3	23	1,608	378	797	104	20	88	8	20	5	1	3	3,249	217	3,032	140	3,389	October.
November	130	78	3	23	1,371	294	758	67	21	70	5	11	7	...	2	2,840	234	2,606	144	2,984	November.
December	177	132	14	25	1,821	329	868	97	14	100	17	13	7	1	...	3,615	348	3,267	121	3,736	December.
Quarter 4th.	412	296	20	71	4,800	1,001	2,423	268	55	258	30	44	19	2	5	9,704	799	8,905	405	10,109	Quarter 4th.
Year...	1,301	1,471	86	366	24,857	4,682	11,288	1,548	221	1,536	184	212	75	13	56	47,896	3,224	44,672	1,368	49,264	Year.

Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low Castes.	Musulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asarcophagous Castes.	Sarcophagous Castes.	Still-born.	Total.	

Races and Castes.	Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.		Races and Castes.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
Asarcophagous. Jains	...	...	2	·56	15	1·19	373	3·39	390	3·07	186	2·68	66	3·08	200	2·55	54	2·89	34	2·02	371	2·52	911	2·59	1301	2·72	Jains	Asarcophagous.
Brahmins	1	1·75	1	·28	24	1·89	397	3·61	423	3·33	242	3·48	60	2·80	207	2·63	66	3·53	57	3·39	416	2·83	1048	2·98	1471	3·07	Brahmins	
Lingaets	...	...	...	...	1	·08	26	·23	27	·21	7	·10	2	·09	10	·13	6	·32	2	·12	32	·22	59	·17	86	·18	Lingaets	
Bhatias	...	...	...	...	1	·08	59	·54	60	·47	48	·69	21	·98	78	·99	24	1·28	6	·36	129	·88	303	·87	366	·76	Bhatias	
Sarcophagous. Hindus of other castes	25	43·86	112	31·19	885	69·96	7172	65·18	8194	64·61	3860	55·53	815	38·07	3424	43·58	979	52·38	898	53·39	6687	45·45	16663	47·32	24857	51·90	Hindus of other castes	Sarcophagous.
Hindus, low-caste	19	29·83	136	37·88	171	13·52	1084	9·85	1408	11·10	601	8·65	88	4·11	816	10·37	192	10·27	210	12·48	1368	9·30	3274	9·29	4682	9·77	Hindus, low-caste	
Mussulman	14	24·56	94	26·18	85	6·72	846	7·69	1039	8·19	1610	23·16	792	36·99	2704	34·42	384	20·55	303	18·01	4456	30·25	10249	29·11	11288	23·57	Mussulman	
Parsees	...	...	7	1·95	19	1·50	357	3·24	383	3·02	139	1·87	195	9·11	176	2·24	34	1·82	101	6·00	529	3·59	1165	3·31	1548	3·23	Parsees	
Jews	...	...	3	·84	3	·24	30	·29	36	·28	22	·32	12	·56	63	·80	12	·64	4	·24	72	·49	185	·52	221	·46	Jews	
Native Christians	...	...	2	·56	57	4·50	580	5·27	639	5·04	180	2·59	55	2·57	127	1·62	71	3·80	40	2·38	424	2·88	897	2·55	1536	3·21	Native Christians	
Eurasians	...	...	1	·28	...	...	42	·38	43	·34	16	·23	10	·47	20	·25	20	1·07	8	·48	67	·46	141	·40	184	·38	Eurasians	
Europeans	...	...	1	·28	3	·24	20	·18	24	·19	32	·46	23	1·07	12	·15	20	1·07	13	·77	88	·60	188	·53	212	·44	Europeans	
Negro-Africans	...	...	...	...	...	...	4	·04	4	·03	11	·15	1	·05	13	·17	3	·16	3	·18	40	·27	71	·20	75	·16	Negro-Africans	
Buddhists	...	...	...	...	...	...	...	...	...	...	2	·03	...	...	1	·01	2	·11	2	·12	6	·04	13	·04	13	·03	Buddhists	
Other and Unknown Castes.	...	...	...	...	1	·08	13	·11	14	·12	4	·06	1	·05	7	·09	2	·11	1	·6	27	·18	42	·12	56	·12	Other and Unknown Castes.	
All Races and Castes ...	57	100·00	359	100·00	1265	100·00	11003	100·00	12684	100·00	6951	100·00	2141	100·00	7857	100·00	1869	100·00	1682	100·00	14712	100·00	35212	100·00	47896	100·00	All Races and Castes.	
Asarcophagous ...	1	1·75	3	·84	41	3·24	855	7·77	900	7·10	485	6·95	149	6·96	495	6·30	150	8·03	99	5·89	948	6·44	2324	6·60	3224	6·73	Asarcophagous.	
Sarcophagous ...	56	98·25	356	99·16	1224	96·76	10148	92·23	11784	92·90	6468	93·05	1992	93·04	7362	93·70	1719	91·97	1583	94·11	13764	93·56	32888	93·40	44672	93·27	Sarcophagous.	

	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All causes, except Still-born.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.

PROPORTION OF MALE TO FEMALE DEATHS in different RACES and CASTES in different QUARTERS for the Year beginning 1st January 1897.

	Races and Castes.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1897.			Races and Castes.	
		Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.		
Asarcophagous.	Jains	314	134	234·32	148	83	178·31	133	77	172·72	294	118	249·15	889	412	215·77	Jains	Asarcophagous.
	Brahmins	546	204	267·64	108	69	156·52	162	86	188·37	204	92	221·73	1,020	451	226·16	Brahmins	
	Lingaets	14	13	107·69	11	8	137·50	9	11	81·81	15	5	300·00	49	37	132·43	Lingaets	
	Bhatias	92	67	137·31	43	37	116·21	34	22	154·54	40	31	129·03	209	157	133·12	Bhatias	
Sarcophagous.	Hindus of other castes	6,700	4,361	153·63	2,180	1,619	134·65	2,936	2,261	129·85	2,865	1,935	148·06	14,681	10,176	144·27	Hindus of other castes	Sarcophagous.
	Hindus, low-caste	908	735	123·53	382	359	106·40	677	620	109·19	515	486	105·96	2,482	2,200	122·81	Hindus, low-caste	
	Mussulman	2,184	1,786	122·28	1,231	1,101	111·80	1,289	1,274	101·17	1,267	1,156	109·60	5,971	5,317	114·45	Mussulman	
	Parsees	320	347	92·21	139	151	92·05	165	158	104·43	120	148	81·08	744	804	92·53	Parsees	
	Jews	46	25	184·00	24	20	120·00	24	27	88·88	28	27	103·70	122	99	123·23	Jews	
	Native Christians	489	262	186·64	145	98	147·95	167	117	142·73	122	136	89·70	923	613	150·57	Native Christians	
	Eurasians	39	29	134·48	18	29	62·06	19	20	95·00	16	14	114·28	92	92	100·00	Eurasians	
	Europeans	29	22	131·81	35	15	233·33	42	25	168·00	35	9	388·88	141	71	198·59	Europeans	
	Negro-Africans	9	12	75·00	5	6	8·33	14	10	140·00	15	4	375·00	43	32	134·37	Negro-Africans	
	Buddhists	4	2	200·00	...	...	...	5	...	...	2	...	...	11	2	550·00	Buddhists	
	Other and unknown castes	14	7	200·00	17	8	212·50	2	3	66·66	4	1	400·00	37	19	194·73	Other and unknown castes.	
	[illegible]astes	11,708	8,006	146·24	4,486	3,603	124·50	5,678	4,711	120·52	5,542	4,162	133·15	27,414	20,482	133·84	All races and castes.	
	[illegible]	966	418	231·10	310	197	157·36	338	196	177·44	553	246	224·79	2,167	1,057	205·01	Asarcophagous.	
	[illegible]	10,742	7,588	141·56	4,176	3,406	122·60	5,340	4,515	118·27	4,989	3,916	127·40	25,247	19,425	129·97	Sarcophagous.	
		Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	[illegible]	[illegible]	[illegible]	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.		

DEATHS at different AGES in different MONTHS arranged in Quarters for the Year beginning 1st January 1897.

MONTHS.	AGES.																			All Ages, exclusive of Still-born.	Still-born.	Total.	MONTHS.
	Days.	Months.		Years.																			
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 and over				
MALES.																							
January	102	79	70	79	63	34	37	169	340	349	407	537	531	315	337	175	229	108	488	4,449	57	4,506	January.
February	58	69	64	62	42	29	36	169	303	290	418	542	495	320	326	150	229	97	386	4,088	41	4,129	February.
March	55	67	71	63	47	35	34	116	196	191	292	414	374	267	236	121	171	56	365	3,171	52	3,223	March.
Quarter 1st	215	215	205	204	152	98	107	454	839	830	1117	1493	1403	902	899	446	629	261	1,239	11,708	150	11,858	Quarter 1st.
April	60	89	93	56	31	23	20	64	126	110	174	246	227	160	127	87	100	35	210	2,038	52	2,090	April.
May	81	89	101	66	21	23	15	28	52	43	79	99	87	88	83	50	54	27	167	1,253	54	1,307	May.
June	83	115	119	79	33	15	8	19	19	30	62	89	86	70	80	53	71	21	143	1,195	69	1,264	June.
Quarter 2nd	224	293	313	201	85	61	43	111	197	183	315	434	400	318	290	190	225	83	520	4,486	175	4,661	Quarter 2nd
July	105	138	158	111	53	28	21	43	49	55	106	127	135	104	93	67	65	31	159	1,648	61	1,709	July.
August	118	131	164	120	66	46	37	66	79	68	144	207	184	126	116	80	96	43	215	2,096	82	2,178	August.
September	144	121	109	107	47	33	37	45	51	56	102	187	147	139	135	88	94	44	248	1,934	86	2,020	September.
Quarter 3rd	367	390	431	338	166	107	85	154	179	179	352	521	466	369	344	235	255	118	622	5,678	229	5,907	Quarter 3rd.
October	147	104	118	75	35	32	18	41	52	63	120	177	148	122	109	54	90	32	241	1,778	86	1,864	October.
November	106	80	71	74	40	29	16	35	66	73	117	145	129	116	113	67	97	35	219	1,628	89	1,717	November.
December	97	92	96	90	32	29	24	50	80	124	170	214	201	177	155	93	111	34	268	2,136	69	2,205	December.
Quarter 4th	350	276	285	239	107	90	58	126	198	260	407	536	478	415	377	213	298	101	728	5,542	244	5,786	Quarter 4th.
FEMALES.																							
January	80	85	73	59	74	47	41	131	336	206	238	249	234	161	154	106	146	63	526	3,069	52	3,121	January.
February	53	58	61	67	63	39	51	180	285	195	192	243	227	152	174	112	151	60	409	2,772	27	2,799	February.
March	51	56	78	63	45	35	41	119	192	136	169	182	178	116	140	74	98	49	343	2,165	31	2,196	March.
Quarter 1st	184	199	212	189	182	121	133	490	813	537	599	674	639	429	468	292	395	172	1,278	8,006	110	8,116	Quarter 1st.

	1 to 30 Days.	1 to 6 Months.	7 to 12 Months.	1 to 2 Years.	2 to 3 Years.	3 to 4 Years.	4 to 5 Years.	5 to 9 Years.	10 to 14 Years.	15 to 19 Years.	20 to 24 Years.	25 to 29 Years.	30 to 34 Years.	35 to 39 Years.	40 to 44 Years.	45 to 49 Years.	50 to 54 Years.	55 to 59 Years.	60 and over Years.	All Ages, exclusive of Still-born.	Still-born.	Total.	
	AGES.																						
PERSONS.																							
January	182	164	143	138	137	81	78	360	676	555	645	786	765	476	491	281	375	171	1,014	7,518	109	7,627	January.
February	111	127	125	129	105	68	87	349	588	485	610	785	725	472	500	262	380	157	795	6,860	68	6,928	February.
March	106	123	149	126	92	70	75	235	388	327	461	596	552	383	376	195	269	105	708	5,336	83	5,419	March.
Quarter 1st	399	414	417	393	334	219	240	944	1,652	1,367	1,716	2,167	2,042	1,331	1,367	738	1,024	433	2,517	19,714	260	19,974	Quarter 1st.
April	112	167	165	135	67	43	40	143	252	198	292	356	341	237	186	132	155	68	459	3,528	90	3,618	April.
May	139	177	203	125	48	39	32	68	102	97	151	181	168	144	133	67	84	50	345	2,353	80	2,433	May.
June	156	216	229	178	65	29	19	44	53	60	130	161	149	110	128	74	100	35	272	2,208	118	2,326	June.
Quarter 2nd	407	560	597	438	180	111	91	255	387	355	573	698	658	491	447	273	339	153	1,076	8,089	288	8,377	Quarter 2nd.
July	168	270	299	229	110	63	30	86	105	112	191	220	221	15	14	10	11	46	329	2,989	12	3,112	July.
August	231	241	350	277	130	100	62	140	148	142	240	357	320	19	20	12	15	6	449	3,924	152	4,076	August.
September	363	225	254	194	95	68	51	92	115	121	196	315	261	20	20	12	14	6	494	3,476	140	3,616	September.
Quarter 3rd	657	736	903	700	335	231	143	318	368	375	627	892	802	550	54	35	41	17	1,272	10,389	41	10,804	Quarter 3rd.
October	237	214	225	195	80	62	39	103	101	127	227	296	254	173	168	95	136	49	468	3,249	140	3,389	October.
November	206	151	157	137	72	45	27	81	136	134	192	231	215	160	168	93	144	53	438	2,840	144	2,984	November.
December	177	176	175	169	67	57	52	99	171	210	286	336	315	242	222	125	172	53	511	3,615	121	3,736	December.
Quarter 4th	620	541	557	501	219	164	118	283	408	471	705	863	784	575	558	313	452	155	1,417	9,704	405	10,109	Quarter 4th.
Year	2,083	2,251	2,474	2,032	1,068	725	592	1,800	2,815	2,568	3,621	4,620	4,286	2,947	2,917	1,674	2,226	915	6,282	47,896	1,368	49,264	Year.

NUMBER and PROPORTION of DEATHS at different AGES from different CAUSES for the Year beginning 1st January 1897.

AGES.	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.		AGES.
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
Days 1 to 30...	...	...	...	...	...	...	4	·04	4	·03	63	·91	551	25·74	131	1·67	7	·37	2	·12	1325	9·01	2,079	5·90	2,083	4·35	Days 1 to 30.
Months 1 to 6...	7	12·28	20	5·57	3	·24	37	·34	67	·54	366	5·27	403	18·82	686	8·73	112	5·99	22	1·31	595	4·04	2,184	6·20	2,251	4·70	Months 1 to 6.
„ 7 to 12...	12	21·05	33	23·12	12	·95	45	·41	152	1·20	395	5·68	209	9·76	811	10·32	238	12·73	73	4·34	596	4·05	2,322	6·59	2,474	5·16	„ 7 to 12.
Years 1 to 2...	10	17·55	37	24·23	21	1·66	64	·58	182	1·43	366	5·27	100	4·67	533	6·79	204	10·91	120	7·13	527	3·58	1,850	5·25	2,032	4·24	Years 1 to 2.
„ 2 to 3...	5	8·78	56	15·60	18	1·03	91	·83	165	1·30	208	2·99	26	1·21	171	2·18	111	5·94	92	5·47	295	2·01	903	2·56	1,068	2·23	„ 2 to 3.
„ 3 to 4...	2	3·51	28	7·80	25	1·98	83	·75	138	1·09	146	2·10	33	1·54	104	1·32	73	3·91	60	3·56	171	1·16	587	1·67	725	1·51	„ 3 to 4.
„ 4 to 5...	...	...	26	7·25	12	·95	113	1·03	151	1·19	133	1·91	20	·94	83	1·06	31	1·66	60	3·56	114	·77	441	1·25	592	1·24	„ 4 to 5.
„ 5 to 9...	5	8·78	45	12·53	65	5·14	581	5·28	696	5·49	425	6·12	30	1·40	162	2·06	65	3·48	114	6·78	308	2·09	1,104	3·14	1,800	3·76	„ 5 to 9.
„ 10 to 14...	5	8·78	4	1·11	78	6·16	1113	10·11	1200	9·46	620	8·92	34	1·59	221	2·81	65	3·48	115	6·84	360	3·81	1,615	4·59	2,815	5·88	„ 10 to 14.
„ 15 to 19...	...	...	4	1·11	64	5·06	995	9·04	1063	8·38	456	6·56	37	1·73	148	1·88	46	2·46	63	3·75	755	5·13	1,605	4·27	2,568	5·36	„ 15 to 19.
„ 20 to 24...	1	1·75	3	·84	148	11·70	1262	11·47	1414	11·15	559	8·04	48	2·24	256	3·26	82	4·39	81	4·82	1181	8·03	2,207	6·27	3,621	7·56	„ 20 to 24.
„ 25 to 29...	6	10·52	2	·56	229	18·10	1645	14·95	1882	14·84	732	10·53	73	3·41	358	4·56	100	5·35	122	7·25	1353	9·20	2,738	7·78	4,620	9·65	„ 25 to 29.
„ 30 to 34...	...	...	1	·28	181	14·31	1453	13·21	1635	12·89	620	8·92	50	2·34	384	4·89	137	7·33	135	8·03	1325	9·01	2,651	7·53	4,286	8·95	„ 30 to 34.
„ 35 to 39...	1	1·75	...	...	111	8·77	974	8·85	1086	8·56	393	5·65	53	2·48	286	3·64	94	5·03	113	6·72	922	6·27	1,861	5·29	2,947	6·15	„ 35 to 39.
„ 40 to 44...	1	1·75	...	...	98	7·75	856	7·78	955	7·53	404	5·81	49	2·29	357	4·54	94	5·03	119	7·08	939	6·38	1,962	5·57	2,917	6·09	„ 40 to 44.
„ 45 to 49...	1	1·75	...	...	58	4·58	419	3·81	478	3·77	199	2·86	57	2·66	213	2·71	60	3·21	70	4·16	597	4·06	1,196	3·40	1,674	3·49	„ 45 to 49.
„ 50 to 54...	1	1·75	...	...	56	4·43	546	4·96	603	4·75	284	4·09	66	3·08	405	5·15	80	4·28	83	4·93	705	4·79	1,623	4·61	2,226	4·65	„ 50 to 54.
„ 55 to 59...	...	...	...	...	24	1·90	177	1·61	201	1·58	98	1·41	39	1·82	191	2·43	39	2·09	38	2·26	309	2·10	714	2·03	915	1·91	„ 55 to 59.
Over 60 years...	...	...	...	...	67	5·29	545	4·95	612	4·82	484	6·96	263	12·28	2357	30·00	231	12·36	200	11·89	2135	14·51	5,670	16·10	6,282	13·12	Over 60 years.
All Ages...	57	100·00	359	100·00	1265	100·00	11003	100·00	12884	100·00	6951	100·00	2141	100·00	7857	100·00	1869	100·00	1682	100·00	14712	100·00	35212	100·00	47896	100·00	All Ages.
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	
	Small-pox.		Measles.		Cholera.		Plague.		Small-pox, Measles, Cholera and Plague.		Fevers.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes, except Epidemic.		All Causes, except Still-born.		

PROPORTION of MALE to FEMALE DEATHS in different Quarters for the Year beginning 1st January 1897.

Ages.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1897.			Ages.
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	
Days 1 to 30	215	184	116·84	224	183	122·40	367	290	126·55	350	270	129·62	1,156	927	124·70	Days 1 to 30.
Months 1 to 6	215	199	108·04	293	267	109·73	390	346	112·71	276	265	104·15	1,174	1,077	109·00	Months 1 to 6.
„ 7 to 12	205	212	96·69	318	284	103·21	431	472	91·31	285	272	104·77	1,234	1,240	99·51	„ 7 to 12.
Years 1 to 2	204	189	107·93	201	237	84·81	338	362	93·37	289	262	91·22	982	1,050	93·52	Years 1 to 2.
„ 2 to 3	152	182	83·51	85	95	89·47	166	169	98·21	107	112	95·53	510	558	91·39	„ 2 to 3.
„ 3 to 4	98	121	80·99	61	50	122·00	107	124	86·29	90	74	121·62	356	369	96·47	„ 3 to 4.
„ 4 to 5	107	133	80·45	43	48	89·58	85	58	146·55	58	60	96·66	293	299	97·99	„ 4 to 5.
„ 5 to 9	454	490	92·65	111	144	77·08	154	164	93·90	126	157	80·25	845	955	88·48	„ 5 to 9.
„ 10 to 14	839	813	103·19	197	190	103·68	179	189	94·70	198	210	94·28	1,413	1,402	100·78	„ 10 to 14.
„ 15 to 19	830	537	154·56	188	172	106·39	179	196	91·32	260	211	123·22	1,452	1,116	130·10	„ 15 to 19.
„ 20 to 24	1,117	599	186·47	315	258	122·09	352	275	128·00	407	298	136·57	2,191	1,430	153·21	„ 20 to 24.
„ 25 to 29	1,193	674	221·51	434	264	164·39	521	371	140·43	536	327	163·91	2,984	1,636	182·39	„ 25 to 29.
„ 30 to 34	1,403	689	219·56	400	258	155·03	466	336	138·69	478	306	156·20	2,747	1,539	178·49	„ 30 to 34.
„ 35 to 39	902	429	210·25	318	173	183·77	369	181	203·86	415	160	259·37	2,004	943	212·51	„ 35 to 39.
„ 40 to 44	899	468	192·09	290	157	184·71	344	201	171·14	377	181	208·28	1,910	1,007	189·67	„ 40 to 44.
„ 45 to 49	446	292	152·73	190	83	228·91	235	115	204·34	213	100	213·00	1,084	590	183·72	„ 45 to 49.
„ 50 to 54	629	395	159·24	225	114	197·36	255	156	163·46	298	154	193·50	1,407	819	171·79	„ 50 to 54.
„ 55 to 59	261	173	151·74	83	70	118·57	118	56	210·71	101	54	187·03	563	352	159·94	„ 55 to 59.
Over 60 years	1,239	1,278	96·94	520	556	93·52	622	650	95·69	728	689	105·66	3,109	3,173	97·98	Over 60 years.
All Ages...	11,708	8,006	146·24	4,486	3,603	124·50	5,678	4,711	120·52	5,542	4,162	133·15	27,414	20,482	133·84	All Ages.

	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1897.			
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	

NUMBER and PROPORTION of DEATHS in different Sections from different CAUSES for the Year beginning 1st January 1897.

Ward.	Sections.	Small-pox. No.	Small-pox. Prop.	Measles. No.	Measles. Prop.	Cholera. No.	Cholera. Prop.	Plague. No.	Plague. Prop.	Small-pox, Measles, Cholera and Plague. No.	Small-pox, Measles, Cholera and Plague. Prop.	Fevers. No.	Fevers. Prop.	Diseases of the Nervous System. No.	Diseases of the Nervous System. Prop.	Diseases of the Respiratory System. No.	Diseases of the Respiratory System. Prop.	Diarrhœa. No.	Diarrhœa. Prop.	Dysentery. No.	Dysentery. Prop.	Other Causes not Epidemic. No.	Other Causes not Epidemic. Prop.	All Causes except Epidemic. No.	All Causes except Epidemic. Prop.	All Causes except Still-born. No.	All Causes except Still-born. Prop.	Sections.	Wards.
A	Upper Colaba	...	...	...	...	...	...	50	·46	50	·39	7	·10	14	·65	12	·15	7	·37	22	1·31	63	·48	125	·35	175	·37	Upper Colaba.	A
	Middle & Lower Colaba	1	1·75	...	...	33	2·61	189	1·72	223	1·75	100	1·44	29	1·35	90	1·15	18	·96	20	1·19	184	1·25	441	1·25	664	1·38	Middle & Lower Colaba.	
	Fort, Southern	...	...	...	...	2	·16	7	·06	9	·07	4	·06	4	·19	6	·08	1	·05	1	·6	10	·07	26	·07	85	·07	Fort, Southern.	
	,, Northern	...	...	3	·84	12	·95	216	1·96	231	1·82	182	2·62	100	4·67	159	2·02	27	1·45	43	2·56	387	2·63	898	2·55	1,129	2·35	,, Northern.	
B	Esplanade	...	...	1	·28	17	1·34	33	·30	51	·40	28	·41	8	·37	31	·39	4	·21	6	·36	41	·28	118	·34	169	·35	Esplanade.	B
	Mandvi	3	5·27	25	6·96	81	2·45	334	3·04	393	3·10	326	4·69	122	5·70	372	4·73	89	4·76	68	4·04	683	4·64	1,660	4·71	2,053	4·29	Mandvi.	
	Chukla	...	...	15	4·18	8	·63	81	·74	104	·82	227	3·27	129	6·03	446	5·68	89	2·09	54	3·21	683	4·64	1,578	4·48	1,682	3·51	Chukla.	
	Umarkhadi	1	1·75	25	6·96	25	1·98	259	2·35	310	2·44	416	5·99	229	10·70	783	9·99	110	5·89	84	4·99	1303	8·86	2,927	8·31	3,287	6·76	Umarkhadi.	
	Dongri	1	1·75	21	5·85	53	4·19	267	2·43	342	2·70	297	4·27	63	2·94	395	5·03	109	5·83	68	4·04	661	4·49	1,593	4·52	1,935	4·04	Dongri.	
	Market	1	1·75	3	·84	34	2·69	182	1·65	220	1·73	218	3·14	77	3·60	213	2·71	49	2·62	58	3·15	412	2·80	1,022	2·90	1,242	2·55	Market.	
C	Dhobi Talao	...	...	7	1·95	50	3·95	367	2·84	424	3·34	324	4·66	146	6·82	281	3·58	44	2·35	75	4·46	619	4·21	1,489	4·23	1,913	3·99	Dhobi Talao.	C
	Fanaswadi	...	...	2	·56	28	2·21	126	1·15	156	1·23	146	2·10	47	2·20	86	1·09	19	1·02	34	2·02	224	1·52	556	1·58	712	1·49	Fanaswadi.	
	Bhuleshwar	1	1·75	22	6·13	23	1·82	151	1·37	197	1·55	217	3·12	84	3·92	380	4·84	62	3·32	46	2·73	647	4·40	1,436	4·03	1,633	3·41	Bhuleshwar.	
	Khara Talao	3	5·27	20	5·57	22	1·74	118	1·07	163	1·29	261	3·75	108	5·04	471	5·99	50	2·68	48	2·85	648	4·40	1,586	4·51	1,749	3·65	Khara Talao.	
	Kumbharwada	4	7·02	26	7·24	41	3·24	391	3·55	462	3·64	303	4·36	64	2·99	309	3·93	64	3·42	54	3·49	604	4·11	1,428	4·06	1,890	3·95	Kumbharwada.	
	Khetwadi	2	3·51	2	·56	33	2·61	272	2·47	309	2·44	219	3·15	77	3·60	220	2·80	52	2·78	52	3·09	430	2·92	1,050	2·98	1,359	2·84	Khetwadi.	
D	Girgaum	1	1·75	5	1·39	17	1·34	258	2·34	281	2·22	227	3·27	82	3·83	169	2·15	42	2·25	71	4·22	449	3·05	1,040	2·95	1,321	2·76	Girgaum.	D
	Chaupati	...	...	1	·28	4	·32	52	·47	57	·45	62	·89	16	·75	30	·38	10	·54	15	·89	100	·68	253	·66	290	·61	Chaupati.	
	Walkeshwar	...	...	...	...	1	·08	125	1·14	126	·99	52	·75	9	·42	59	·75	14	·75	13	·77	75	·51	222	·63	348	·73	Walkeshwar.	
	Mahalakshmi	...	...	...	...	20	1·58	219	1·99	239	1·88	87	1·25	21	·98	69	·88	18	·96	27	1·61	116	·79	338	·96	577	1·20	Mahalakshmi.	
	Mazagon	...	...	9	2·51	64	5·06	553	5·03	626	4·94	253	3·64	74	3·46	265	3·37	81	4·50	88	2·24	628	4·27	1,342	3·81	1,968	4·11	Mazagon.	
	Tarwadi	...	...	12	3·34	71	5·61	207	1·88	290	2·29	155	2·23	30	1·40	121	1·54	57	3·05	32	1·80	275	1·87	670	1·90	960	2·00	Tarwadi.	
E	2nd Nagpada	4	7·02	36	10·03	25	1·98	196	1·78	261	2·06	264	3·80	124	5·79	438	5·57	83	4·44	61	3·63	740	5·03	1,710	4·86	1,971	4·12	2nd Nagpada.	E
	Kamathipura	7	12·28	21	5·85	62	4·90	619	5·63	709	5·59	415	5·97	99	4·62	483	6·15	125	6·69	91	5·41	936	6·36	2,149	6·10	2,858	5·97	Kamathipura.	
	Tardeo	2	3·51	17	4·73	34	2·69	363	3·30	416	3·26	229	3·29	44	2·05	205	2·61	75	4·01	80	4·76	464	3·15	1,097	3·12	1,518	3·16	Tardeo.	
	Byculla	8	14·03	43	11·97	166	13·12	919	8·35	1136	8·96	692	8·66	109	5·09	571	7·27	176	9·36	129	7·67	1104	7·51	2,695	7·64	3,826	7·99	Byculla.	
	1st Nagpada	5	8·78	3	·84	29	2·29	165	1·50	202	1·59	82	1·18	27	1·26	57	1·24	28	1·50	22	1·31	200	1·36	456	1·30	658	1·37	1st Nagpada.	
F	Parel	3	5·27	18	5·01	90	7·11	603	5·48	714	5·63	445	6·40	64	2·99	351	4·21	133	7·12	83	4·93	681	4·63	1,737	4·93	2,451	5·12	Parel.	F
	Sewri	...	...	...	...	6	·47	122	1·11	128	1·01	93	1·34	13	·61	53	·68	29	1·55	18	1·07	71	·48	277	·79	405	·85	Sewri.	
	Sion	...	...	6	1·67	23	1·82	460	4·18	489	3·86	182	2·61	32	1·49	213	2·71	65	3·48	40	2·38	226	1·54	758	2·15	1,247	2·60	Sion.	
G	Mahim	1	1·75	3	·84	55	4·35	666	6·05	725	5·72	220	3·17	43	2·01	219	2·79	42	2·25	59	3·51	318	2·16	901	2·56	1,626	3·39	Mahim.	G
	Worli	2	3·51	12	3·34	70	5·53	460	4·18	544	4·29	206	2·96	19	·89	175	2·23	58	3·10	44	2·62	237	1·61	739	2·10	1,283	2·68	Worli.	
Water Division		...	...	...	...	12	·95	8	·07	20	·16	17	·24	6	·28	5	·06	1	·05	4	·24	15	·13	52	·15	72	·15	Water Division.	
Non-resident and Unknown		7	12·28	1	·28	104	8·23	1965	17·86	2077	16·37	85	1·22	28	1·31	98	1·25	86	4·60	97	5·77	474	3·22	868	2·47	2,945	6·15	Non-resident and Unknown.	
	Total	57	100·00	359	100·00	1235	100·00	11003	100·00	12684	100·00	6951	100·00	2141	100·00	7857	100·00	1869	100·00	1682	100·00	14712	100·00	35212	100·00	47896	100·00	Total.	

DEATHS at different AGES in different LOCALITIES during the year beginning 1st January 1897.

MALES.	A						B					C						D					E							F			G		Water Division.	Non-resident and Unknown.	TOTAL.	MALES.
Ages.	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Pahaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.				Ages.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
Days 1 to 30	5	23	1	29	6	64	53	67	72	52	244	30	51	17	44	32	44	218	44	31	8	7	10	100	50	35	55	72	36	97	28	373	52	3	29	84	30	30	60	..	15	1,156	Days	1 to 30
Months 1 to 6	4	15	1	21	5	46	68	60	100	77	305	33	40	12	35	63	55	238	26	26	1	2	5	60	57	32	46	71	38	90	20	354	62	8	19	89	40	27	67	1	14	1,174	Months	1 to 6
,, 7 to 12	3	19	1	28	5	54	55	55	94	92	296	29	43	8	47	57	30	222	32	25	3	3	10	73	61	44	56	76	46	130	15	428	70	13	30	113	18	19	37	2	11	1,234	,,	7 to 12
Years 1 to 2	2	14	..	25	4	45	40	42	84	67	233	26	29	11	29	56	35	186	30	28	2	4	8	72	40	23	49	45	41	106	18	322	52	8	17	77	20	21	41	..	6	982	Years	1 to 2
,, 2 to 3	3	4	..	8	1	16	16	18	44	26	103	15	28	8	20	21	18	110	11	10	5	6	5	35	24	11	25	22	24	54	7	167	31	2	10	44	15	13	28	..	7	510	,,	2 to 3
,, 3 to 4	1	3	..	5	1	10	16	11	27	24	77	7	11	1	11	10	13	53	13	7	2	3	7	32	14	9	17	23	16	41	10	130	20	2	9	31	8	7	15	..	8	356	,,	3 to 4
,, 4 to 5	2	1	..	5	1	9	15	8	16	11	50	5	12	4	10	7	12	50	3	3	1	6	3	16	17	6	20	20	16	39	5	123	13	1	8	22	11	6	17	..	6	293	,,	4 to 5
,, 5 to 9	..	14	..	16	4	34	29	24	50	36	139	18	39	10	17	18	42	144	33	26	6	8	7	80	42	10	33	41	37	75	12	240	52	14	30	96	43	29	72	..	40	845	,,	5 to 9
,, 10 to 14	1	23	..	18	8	49	52	41	103	89	285	31	53	21	37	29	60	231	42	44	11	11	18	126	67	22	46	93	43	136	20	427	65	15	49	129	61	58	119	3	94	1,413	,,	10 to 14
,, 15 to 19	1	21	2	30	1	55	50	49	80	32	211	44	59	28	41	40	58	270	42	53	12	10	16	133	46	27	47	64	40	123	18	365	83	14	39	136	50	56	106	2	174	1,432	,,	15 to 19
,, 20 to 24	5	34	1	57	11	108	101	59	111	64	335	63	87	35	78	63	81	407	53	77	10	13	24	177	85	39	69	110	72	162	19	556	122	7	49	178	84	74	158	7	265	2,191	,,	20 to 24
,, 25 to 29	11	43	4	53	19	133	128	60	153	93	434	72	99	58	60	73	148	505	80	88	7	24	38	247	118	61	79	192	98	215	37	800	204	18	67	289	97	110	207	11	256	2,984	,,	25 to 29
,, 30 to 34	13	47	..	58	15	133	105	62	131	86	384	68	98	42	73	101	101	483	83	71	17	21	47	239	93	57	105	149	84	187	32	707	169	27	66	262	88	81	169	13	357	2,747	,,	30 to 34
,, 35 to 39	9	47	3	47	12	118	82	48	102	70	302	55	93	36	75	56	72	387	47	51	14	15	32	159	92	31	87	114	55	123	24	496	81	15	57	153	64	39	103	8	278	2,004	,,	35 to 39
,, 40 to 44	8	36	1	46	4	95	99	60	108	64	331	58	68	27	64	60	68	346	60	71	11	24	24	190	70	37	56	122	66	148	23	522	85	23	51	159	59	44	103	4	160	1,910	,,	40 to 44
,, 45 to 49	4	15	1	27	7	54	46	35	80	43	183	36	62	18	45	29	32	222	28	33	10	13	20	104	55	15	26	54	26	60	10	246	65	5	16	86	32	20	52	3	127	1,081	,,	45 to 49
,, 50 to 54	11	20	1	46	7	85	71	43	86	44	244	48	70	20	51	41	55	285	50	37	3	9	18	122	46	19	48	82	37	93	13	338	53	12	39	104	66	23	89	5	135	1,407	,,	50 to 54
,, 55 to 59	4	6	1	29	..	40	34	30	31	21	116	16	45	17	27	20	17	142	18	19	3	7	9	61	19	6	11	20	7	30	5	98	19	4	9	32	21	10	31	3	42	553	,,	55 to 59
Over 60 years	10	32	3	28	7	150	119	128	283	62	592	98	148	32	174	179	120	748	73	91	23	28	38	253	128	51	167	192	90	227	37	892	121	35	74	230	97	72	169	4	91	3,109	Over	60 years
All Ages..	104	417	20	642	115	1298	1178	900	1705	1023	4804	752	1132	405	938	855	1070	5252	708	791	168	224	338	2279	1114	535	1022	1562	852	2136	351	7572	1419	227	668	2314	904	739	643	66	2186	27,414	All Ages.	

	A						B					C						D					E							F			G		Water Division.	Non-resident and Unknown.	TOTAL.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2			
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Pahaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.			
	A						B					C						D					E							F			G				

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1897.

FEMALES. Ages.	A						B					C							D						E								F				G					FEMALES. Ages.
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.	Water Division.	Non-resident and Unknown.	TOTAL.	
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.		Mandvi.	Dhakta.	Umarkhadi.	Dongri.		Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.		Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.		Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.		Parel.	Sewri.	Sion.		Mahim.	Worli.					
Days 1 to 30	1	11	1	24	..	37	41	39	80	91	211	20	42	16	25	44	28	174	35	27	8	4	7	81	39	19	26	60	42	78	14	239	40	7	22	69	26	20	46	1	13	927	Days 1 to 30
Months 1 to 6	..	13	..	29	1	47	61	41	95	59	256	23	45	13	34	45	40	200	25	16	3	6	3	53	69	35	52	67	38	105	21	387	56	5	28	89	17	17	34	..	7	1,077	Months 1 to 6
,, 6 to 12	1	14	..	26	..	41	62	59	81	81	283	24	33	16	33	46	36	228	33	22	6	6	3	70	62	27	41	63	39	100	17	327	61	5	31	97	24	28	52	1	8	1,050	,, 6 to 12
Years 1 to 2	..	14	..	25	..	39	42	51	68	70	231	25	39	15	28	49	44	200	36	24	6	4	3	73	44	28	38	59	39	100	17	325	61	5	31	97	24	28	52	1	8	556	Years 1 to 2
,, 2 to 3	..	7	..	9	..	16	37	17	46	26	116	11	16	..	7	26	23	89	16	10	3	4	3	36	22	15	11	26	15	58	12	159	43	3	14	59	11	20	31	..	3	369	,, 2 to 3
,, 3 to 4	..	7	..	9	..	16	13	18	28	16	75	12	12	2	11	20	28	85	9	6	1	2	1	19	9	6	17	22	21	85	9	169	21	2	9	32	7	12	19	..	4	299	,, 3 to 4
,, 4 to 5	1	3	1	9	..	14	9	14	11	12	46	12	5	11	11	6	11	56	10	9	..	1	4	24	10	6	16	27	8	82	6	156	29	2	9	40	10	12	22	..	5	299	,, 4 to 5
,, 5 to 9	..	10	..	18	..	28	20	32	61	38	151	18	30	14	22	30	40	163	37	28	6	9	13	93	49	21	32	63	28	101	15	312	51	9	40	100	42	25	77	..	41	958	,, 5 to 9
,, 10 to 14	..	19	..	29	..	48	59	62	73	131	325	29	48	12	41	53	49	232	44	32	6	9	18	109	64	28	39	89	49	106	20	411	73	18	46	137	61	38	99	..	59	1,116	,, 10 to 14
,, 15 to 19	..	21	..	38	..	59	49	47	81	41	218	28	48	17	52	50	44	239	25	41	9	11	21	110	46	18	45	67	37	73	18	299	48	9	24	81	45	27	72	..	69	1,430	,, 15 to 19
,, 20 to 24	..	19	2	41	..	62	59	48	113	57	277	32	55	21	55	62	55	321	48	33	13	10	17	120	56	30	59	79	57	111	11	393	76	10	45	131	68	39	107	..	91	1,636	,, 20 to 24
,, 25 to 29	..	23	3	33	..	62	71	50	118	58	297	29	61	28	58	62	59	297	53	48	11	9	22	138	61	30	64	122	67	153	15	512	104	14	38	156	65	45	110	..	84	1,539	,, 25 to 29
,, 30 to 34	..	20	..	31	..	51	62	63	48	79	252	29	61	43	37	48	52	270	44	31	8	6	19	108	62	26	79	104	49	152	22	500	83	17	38	138	68	43	109	..	51	943	,, 30 to 34
,, 35 to 39	..	17	..	14	..	31	35	44	49	68	196	39	39	12	31	40	36	177	31	29	6	9	14	79	37	16	35	49	30	71	24	245	43	8	27	78	45	32	77	..	66	1,007	,, 35 to 39
,, 40 to 44	..	13	..	19	..	32	36	41	22	75	174	31	27	18	30	41	33	185	26	22	13	6	8	75	43	23	62	78	33	67	12	307	45	16	31	92	32	27	59	..	42	690	,, 40 to 44
,, 45 to 49	..	10	1	16	..	27	26	22	41	28	117	15	16	6	13	28	26	117	15	16	6	4	11	51	22	8	18	32	20	51	7	141	28	9	18	54	24	6	30	..	41	519	,, 45 to 49
,, 50 to 54	..	9	1	25	..	35	37	34	68	66	205	29	25	22	29	34	23	162	22	26	4	6	8	66	29	14	27	51	19	63	10	210	40	9	25	74	24	10	34	..	14	353	,, 50 to 54
,, 55 to 59	..	9	..	20	1	30	18	13	20	11	62	11	24	9	22	10	8	84	8	14	4	1	2	29	19	9	17	14	8	13	4	84	9	2	9	20	21	10	31	1	10	3,173	,, 55 to 59
Over 60 years	11	83	2	104	5	155	184	142	377	109	812	140	50	142	143	125	58	658	96	110	26	18	30	279	115	57	181	188	89	202	37	871	190	29	94	313	112	81	193	1	80	8,173	Over 60 years
All Ages	71	247	13	497	44	874	677	783	1533	912	4103	490	781	307	695	794	820	3887	691	630	183	124	239	1616	854	425	949	1296	661	1690	307	6182	1032	178	579	1789	722	544	1266	6	759	20462	All Ages.

	A					B				C						D				E							F		G			
	1	2	3	4	5	1	2	3	4	1	2	3	4	5	6	1	2	3	4	1	2	3	4	5	6	7	1	2	3	1	2	
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Dhakta.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-resident and Unknown.	TOTAL.
	A					B				C						D				E							F			G			

DEATHS at *different* AGES in different LOCALITIES during the Year beginning 1st January 1897.

Persons.	A						B					C						D						E							F			G			Water Division.	Non-Resident and Unknown.	Total.	Persons.
Ages.	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.				Ages.
Days 1 to 30 ..	12	24	5	53	8	107	24	26	152	113	455	30	24	13	69	76	70	332	79	55	16	11	17	181	89	64	91	132	79	175	42	662	92	10	61	163	56	62	106	1	26	2,063	Days 1 to 30
Months 1 to 6 ..	6	22	1	50	7	93	129	101	195	136	561	66	85	29	69	108	95	438	51	41	8	9	13	117	126	67	98	138	76	195	41	741	118	13	47	178	57	44	101	1	21	2,251	Months 1 to 6
" 7 to 12 ..	6	33	2	54	8	103	118	124	178	173	583	85	76	24	80	103	102	440	65	47	8	8	10	138	123	81	103	159	100	262	39	867	139	17	67	223	36	50	86	2	21	2,474	" 7 to 12
Years 1 to 2 ..	2	28	..	50	6	91	83	93	152	137	464	51	68	26	57	105	79	386	65	52	8	8	17	150	84	49	101	104	80	206	35	659	113	13	48	174	44	49	93	1	14	2,032	Years 1 to 2
" 2 to 3 ..	2	11	2	15	4	34	42	35	90	59	219	26	44	14	27	47	41	199	27	20	5	10	7	69	46	26	66	58	39	112	19	366	74	6	24	103	26	25	51	..	15	1,068	" 2 to 3
" 3 to 4 ..	2	6	..	13	2	23	28	29	55	40	152	19	23	10	22	30	21	125	22	11	4	4	9	50	23	15	34	51	37	76	18	254	41	4	18	63	15	19	34	..	14	725	" 3 to 4
" 4 to 5 ..	4	4	1	12	2	23	23	22	27	23	95	17	17	15	21	12	23	105	12	12	1	7	7	39	27	12	38	47	24	71	10	229	31	4	16	51	23	16	39	..	9	592	" 4 to 5
" 5 to 9 ..	8	24	..	29	3	64	53	46	111	74	290	36	78	24	39	48	32	257	60	54	11	17	20	162	91	31	64	104	55	176	31	552	103	23	70	196	85	64	149	..	81	1,800	" 5 to 9
" 10 to 14 ..	10	42	..	48	8	108	105	114	224	96	539	57	101	33	78	82	109	460	86	67	16	24	42	235	127	80	165	182	92	242	40	838	138	33	95	266	112	96	208	3	168	2,815	" 10 to 14
" 15 to 19 ..	8	31	2	51	6	98	98	96	161	73	429	72	107	45	53	90	102	509	67	37	21	21	37	243	92	46	92	181	67	201	36	664	131	23	63	217	95	83	178	2	233	2,568	" 15 to 19
" 20 to 24 ..	10	53	3	98	17	181	160	107	224	121	612	96	142	56	133	125	146	698	101	110	29	23	41	304	141	69	127	189	109	273	30	938	198	17	94	309	132	113	245	7	381	3,621	" 20 to 24
" 25 to 29 ..	27	66	6	76	27	195	199	110	271	152	732	101	150	81	113	115	203	763	133	121	78	43	60	385	179	91	163	214	155	348	52	1322	308	32	105	445	162	155	317	11	449	4,620	" 25 to 29
" 30 to 34 ..	18	67	..	69	23	195	168	110	210	164	652	99	141	69	16	154	174	753	157	102	25	37	66	387	155	83	184	253	133	339	60	1207	252	44	104	400	154	124	278	13	441	4,286	" 30 to 34
" 35 to 39 ..	12	64	3	61	13	153	126	90	188	109	493	83	123	48	106	96	108	564	68	79	20	18	46	231	119	47	102	163	86	194	48	758	124	23	84	231	109	71	180	8	329	2,947	" 35 to 39
" 40 to 44 ..	12	48	1	65	5	131	140	92	183	87	502	87	105	42	94	101	102	531	85	94	24	32	37	272	113	59	108	200	93	215	35	823	130	39	82	251	98	71	169	4	228	2,917	" 40 to 44
" 45 to 49 ..	8	28	2	43	8	88	70	87	101	71	299	61	93	31	71	38	62	346	43	49	15	17	31	155	77	23	44	96	46	94	17	397	97	14	29	140	66	25	91	4	169	1,674	" 45 to 49
" 50 to 54 ..	12	28	2	71	9	122	106	97	154	82	439	72	112	28	80	66	99	447	72	63	12	15	26	188	75	33	75	133	53	156	23	548	93	21	64	178	103	47	152	6	176	2,226	" 50 to 54
" 55 to 59 ..	4	8	2	49	1	65	82	43	81	32	178	27	65	26	49	30	25	226	26	33	13	9	13	93	38	15	28	34	15	42	8	180	28	6	18	52	42	20	62	3	56	915	" 55 to 59
" 60 and over	21	63	5	202	12	305	253	270	530	191	1244	187	285	82	316	322	245	1437	169	201	48	46	68	532	243	110	343	380	169	429	74	1753	241	64	168	473	209	153	362	5	171	6,282	" 60 and over
All Ages..	179	664	35	1126	169	2172	2053	1682	3237	1935	8907	1242	1913	712	1633	1749	1890	9139	1359	1221	290	348	577	3895	1968	960	1971	2838	1513	3826	658	13754	2461	405	1247	4113	1626	1283	2909	72	2345	47,896	All Ages.

	A						B					C						D						E							F			G			Water Division.	Non-Resident and Unknown.	Total.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chuckla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.			
	A						B					C						D						E							F			G					

| | | |

FEMALES.	A						B					C						D						E							F			G						FEMALES.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total exclusive of Still-born.	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
January	8	41	5	111	8	173	72	101	211	96	480	85	165	79	122	99	116	666	127	135	42	24	28	356	163	58	113	290	86	213	50	903	129	52	61	242	80	142	222	..	78	3121	52	3069	January.
February	14	17	4	54	2	91	54	69	143	96	362	49	107	50	67	84	95	452	107	110	23	45	70	355	143	67	104	122	128	260	47	871	164	42	101	307	175	103	278	..	83	2799	27	2772	February.
March	14	11	..	31	2	58	108	65	156	112	441	42	58	20	56	58	74	308	43	37	7	14	43	144	76	41	73	99	77	169	24	559	148	26	142	316	180	77	257	..	113	2196	31	2165	March.
Quarter 1st ..	36	69	9	196	12	322	234	235	510	304	1283	176	330	149	245	241	285	1426	277	282	72	83	141	855	382	166	290	441	291	642	121	2333	441	120	304	865	435	322	757	..	275	8116	110	8006	Quarter 1st.
April	2	19	1	17	1	40	121	71	149	67	408	31	46	13	53	51	45	239	27	16	2	7	15	67	57	28	66	74	28	97	25	375	69	7	68	144	65	39	104	..	151	1528	38	1490	April.
May	4	13	1	37	2	57	53	78	102	68	301	29	36	12	49	39	38	203	28	17	3	5	4	57	32	14	79	78	34	71	10	318	47	8	23	78	30	6	36	1	75	1126	26	1100	May.
June	3	16	..	26	4	49	55	58	96	69	278	33	51	15	34	58	41	232	21	29	5	2	8	65	35	22	46	75	15	79	13	285	49	1	16	66	13	27	40	3	44	1062	49	1013	June.
Quarter 2nd ..	9	48	2	80	7	146	229	207	347	204	987	93	133	40	136	148	124	674	76	62	10	14	27	189	124	64	191	227	77	247	48	978	165	16	107	288	108	72	180	4	270	3716	113	3603	Quarter 2nd.
July	6	19	..	26	4	65	66	51	109	84	310	34	45	23	45	50	54	250	42	19	9	5	17	91	41	29	73	70	56	174	20	463	92	8	29	129	37	32	69	..	26	1403	62	1341	July.
August	6	29	2	43	14	94	81	76	140	82	379	37	70	24	55	72	79	337	46	28	11	5	18	108	83	57	86	132	69	202	32	661	113	10	46	169	40	64	104	..	46	1938	70	1828	August.
September	3	26	1	37	8	75	78	54	128	91	351	36	63	18	63	70	77	332	37	37	7	6	14	101	95	48	92	103	49	126	27	540	67	6	28	101	38	26	64	..	32	1596	54	1542	September.
Quarter 3rd ..	15	74	3	116	26	234	225	181	377	257	1040	107	183	64	163	192	210	919	124	84	27	18	49	300	219	134	251	305	174	502	79	1664	272	24	103	399	115	122	237	..	104	4897	186	4711	Quarter 3rd.
October	3	28	1	35	3	70	77	44	114	64	299	48	60	22	65	81	71	347	49	44	12	9	5	119	60	35	85	122	44	120	23	489	79	5	31	115	26	20	46	1	39	1521	54	1471	October.
November	4	21	..	36	6	67	58	73	104	61	296	42	55	19	43	66	53	278	26	24	6	1	10	77	42	22	70	109	28	103	19	393	50	8	18	76	30	11	41	1	38	1267	55	1212	November.
December	6	15	1	47	4	73	77	66	124	46	313	35	47	23	67	90	93	355	48	42	9	4	12	115	58	18	85	121	59	115	25	481	50	9	30	89	25	12	37	..	68	1531	52	1479	December.
Quarter 4th ..	13	64	2	118	13	210	212	183	342	171	908	125	162	64	175	237	217	980	123	120	27	14	27	311	160	75	240	352	131	338	67	1363	179	22	79	280	81	43	124	2	145	4323	161	4162	Quarter 4th.
Year	73	255	16	510	58	912	900	806	1576	936	4218	501	808	317	719	818	836	3999	600	548	136	127	244	1655	885	429	972	1825	673	1729	315	6338	1067	182	593	1832	739	559	1298	6	794	21052	670	20482	Year.
Still-born	2	8	1	23	4	38	23	24	44	24	115	11	27	10	24	24	16	112	9	18	4	3	5	39	31	14	23	29	12	39	8	156	25	4	14	43	17	15	32	..	35	..	570	570	Still-born.
Total exclusive of Still-born	71	247	15	487	54	874	877	782	1532	912	4103	490	781	307	695	794	820	3887	591	530	132	124	239	1616	854	425	949	1296	661	1690	307	6182	1032	178	579	1789	722	544	1266	6	759	..	..	20482	Total exclusive of Still-born.

	A						B					C						D						E							F			G					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total exclusive of Still-born.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
	A						B					C						D						E							F			G					

DEATHS at different LOCALITIES in different MONTHS,

PERSONS.	A						B					C					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6
January	12	94	9	264	24	403	183	228	454	213	1078	231	446	184	307	261	286
February	30	69	9	146	13	267	138	149	321	177	785	136	269	134	162	184	248
March	37	37	3	80	16	173	268	139	314	239	990	84	168	52	129	132	155
Quarter 1st .	79	200	21	490	53	843	589	516	1119	629	2853	451	883	370	598	577	689
April	10	48	2	43	7	110	275	165	297	142	879	74	107	29	123	113	104
May	8	33	1	76	8	133	110	148	223	115	596	64	77	22	92	103	85
June	9	42	1	70	10	133	111	114	190	131	546	79	104	29	67	131	90
Quarter 2nd..	27	130	4	193	25	376	496	427	710	388	2021	217	288	80	282	347	279
July	12	48	1	82	11	149	188	106	225	181	650	88	102	48	91	125	114
August	11	65	3	99	35	213	171	148	282	164	765	106	159	58	123	153	170
September ...	13	69	2	89	19	189	190	123	265	219	800	87	136	46	130	157	173
Quarter 3rd ..	36	177	6	267	65	551	499	380	772	564	2215	281	397	152	347	435	457
October	9	69	1	72	12	167	176	119	246	141	682	109	130	46	104	154	151
November.....	14	57	..	71	10	152	160	132	229	131	652	99	127	40	110	124	139
December	16	51	1	105	12	185	185	182	266	137	770	129	146	46	180	168	215
Quarter 4th..	39	177	6	248	34	504	521	433	741	409	2104	328	403	134	454	446	505
Total..	181	684	37	1195	177	2274	2105	1756	3342	1990	9193	1277	1971	736	1681	1805	1930
Still-born	6	20	2	66	8	102	52	74	105	55	286	35	58	24	48	56	40
Total, exclusive of Still-born.	175	664	33	1129	169	2172	2053	1682	3237	1935	8907	1242	1913	712	1633	1749	1890
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.
	A						B					C					

XV.

arranged in Quarters, for the Year beginning 1st January 1897.

Total.	D						E								F				G			Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	PERSONS.
	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri	Sion.	Total.	Mahim.	Worli.	Total.						
	1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
1715	285	314	79	77	91	876	388	111	247	519	233	545	108	2151	325	105	120	550	190	329	519	1	334	7627	109	7518	January.....
1133	239	273	59	107	158	836	343	180	212	294	295	645	87	2057	403	89	250	742	405	275	680	2	426	6928	68	6860	February .....
720	107	99	24	51	107	388	190	97	159	224	170	427	66	1333	378	55	309	745	421	194	615	3	452	5419	83	5336	March.....
3568	631	716	162	235	356	2100	921	388	618	1037	699	1617	261	5541	1106	252	679	2037	1016	798	1814	6	1212	19974	260	19714	Quarter 1st ..
550	64	46	6	16	41	173	127	60	142	181	72	228	42	852	154	19	148	321	141	81	222	4	502	3618	90	3528	April .....
443	59	41	6	11	11	128	76	39	142	155	72	170	27	650	101	19	54	174	57	28	85	4	190	2443	90	2353	May.....
500	66	56	12	10	17	164	76	42	105	141	63	155	26	610	102	7	38	147	86	51	87	13	126	2326	117	2209	June .....
1493	192	143	24	39	72	470	277	141	389	480	207	553	95	2142	357	45	240	642	234	160	394	21	818	8377	288	8089	Quarter 2nd
571	95	65	17	15	29	221	108	72	138	158	114	367	38	995	198	15	59	271	77	80	157	4	94	3112	123	2989	July .....
769	105	74	22	11	41	253	173	111	163	257	165	395	69	1328	246	26	82	354	92	131	223	3	168	4076	152	3924	August .....
729	88	84	19	13	25	229	193	103	191	245	93	276	49	1150	182	13	51	246	85	51	136	6	123	3616	140	3476	September.....
2069	288	223	58	39	95	703	474	285	497	660	362	1038	156	3473	628	54	191	874	254	262	516	13	390	10804	415	10389	Quarter 3rd ..
747	105	98	20	21	18	262	129	70	178	252	88	268	51	1036	166	17	63	246	48	36	84	16	149	3388	140	3249	October .....
639	64	97	16	7	24	208	114	51	155	235	66	217	43	881	126	20	48	194	55	32	87	9	162	2984	164	2820	November.....
884	107	91	17	14	28	257	120	52	163	254	122	255	67	1053	134	25	55	214	59	32	91	7	275	3730	121	3609	December .....
2270	276	286	53	42	70	727	363	173	516	741	276	740	161	2970	426	62	166	654	162	100	262	32	586	10109	405	9704	Quarter 4th ..
9400	1387	1368	297	355	593	4000	2035	988	2020	2918	1544	3948	673	14126	2516	418	1274	4207	1666	1320	2986	72	8006	49264	..	47896	Total..
261	28	47	7	7	16	105	67	28	49	60	31	122	15	372	64	8	32	104	40	37	77	..	61	..	468	..	Still-born .....
9139	1559	1321	290	348	577	3895	1968	960	1971	2858	1513	3826	658	13754	2452	405	1242	4103	1626	1283	2909	72	3945	..	47896	Total, exclusive of Still-born.

Total.	D						E								F				G			Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
	1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2						
	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.					
	D						E								F				G							

XXX.

DEATHS in different LOCALITIES in different Year beginning

Races and Castes.	A						B					C								
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2
Jains	..	11	..	81	..	92	208	67	37	25	337	118	55	23	283	28	23	530	15	22
Brahmins	2	6	1	45	..	54	111	30	24	13	178	108	64	141	136	15	85	490	34	210
Lingaets	..	3	..	..	..	3	9	..	..	2	11	2	4	2	5	2	13	28	4	2
Bhatias	..	1	1	98	..	100	108	8	..	2	118	60	36	3	6	..	..	105	..	2
Hindoos of other Castes	50	456	17	281	48	852	1285	333	863	1630	4113	700	978	606	514	355	1504	4557	833	974
Hindoos Low-castes	60	92	5	108	97	362	38	31	108	172	349	18	172	8	51	221	118	583	18	32
Mussulman	24	60	5	68	18	175	298	1281	2165	100	3844	127	99	14	671	1133	228	2272	274	47
Parsees	5	15	3	460	1	484	..	1	13	2	16	133	319	35	6	27	3	523	170	24
Jews	..	1	1	3	3	8	25	2	67	38	132	..	1	..	..	..	1	2	..	..
Native Christians	17	10	3	38	5	74	18	..	20	3	51	8	230	8	1	4	3	254	31	46
Eurasians	..	1	..	6	2	9	1	..	5	..	4	1	7	..	..	..	..	8	2	7
Europeans	22	21	1	10	1	55	..	..	..	..	..	..	2	..	..	1	..	3	..	1
Negro-Africans	1	..	..	..	..	1	1	1	29	..	31	..	..	..	3	14	1	18	..	..
Buddhists	..	1	..	..	..	1	1	..	2	..	3	..	..	..	1	3	..	4	1	..
Other and Unknown Castes and Races.	..	..	..	2	2	4	2	..	1	3	6	2	4	1	4	2	1	14	5	1
All Races and Castes..	181	684	37	1195	177	2274	2105	1756	3342	1990	9193	1277	1971	736	1681	1805	1930	9400	1387	1368
Still-born	6	20	2	66	8	102	52	74	105	55	286	35	58	24	48	58	40	261	28	47
Total, exclusive of Still-born	175	664	35	1129	169	2172	2053	1682	3237	1935	8907	1242	1913	712	1633	1749	1890	9139	1359	1321

	A						B					C								
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khotwadi.	Girgaum.
	A						B					C								

VI.

RACES and CASTES in the CITY of BOMBAY during the 1st January 1897.

D				E								F				G			Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	RACES AND CASTES.
Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.						
3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							
10	9	3	59	11	4	5	21	10	30	6	87	25	2	17	44	13	11	24	..	160	1383	69	1301	Jains.
17	33	23	317	21	17	10	40	13	54	21	152	54	6	40	100	76	22	98	1	76	1505	34	1471	Brahmins.
1	..	..	7	1	..	..	11	2	4	3	24	6	..	2	8	..	2	2	..	2	87	1	86	Lingaets.
1	10	2	15	1	..	..	..	..	1	..	2	3	..	1	4	6	2	8	..	23	375	9	366	Bhatias.
210	219	436	2672	1257	644	282	1435	834	1797	481	6700	1752	328	660	2760	1079	899	1978	83	1737	25402	545	24857	Hindoos of other Castes.
12	42	46	150	120	98	287	754	389	695	6	2349	400	12	187	599	95	235	330	1	136	4850	177	4673	Hindoos Low Castes.
6	17	26	370	335	120	1384	600	218	1194	134	3985	149	48	167	364	138	76	214	29	387	11640	352	11288	Mussulman.
34	16	36	280	64	4	5	5	30	24	..	132	66	5	13	84	13	5	18	..	97	1634	86	1548	Parsees.
..	..	..	..	9	7	18	3	1	21	8	70	8	..	1	9	1	6	7	..	17	245	24	221	Jews.
3	3	15	93	156	63	16	41	49	79	2	406	33	12	163	208	283	57	290	..	200	1581	45	1536	Native Christians.
..	..	..	9	49	11	1	3	10	22	..	96	9	..	..	9	6	1	7	..	48	190	6	184	Eurasians.
3	6	5	15	5	16	1	1	5	16	2	46	10	..	2	12	2	...	2	8	83	224	12	212	Europeans.
..	..	..	..	1	2	10	..	3	1	2	19	..	..	1	1	2	..	2	..	4	76	1	75	Negro-Africans.
..	..	..	1	1	..	..	2	1	..	..	4	..	..	..	..	..	..	..	..	..	18	..	18	Buddhists.
..	..	1	7	4	2	1	2	3	7	3	22	..	..	5	5	2	4	6	..	36	100	44	56	Other and Unknown Castes and Races.
297	355	593	4030	2035	988	2020	2918	1544	3948	673	14126	2515	413	1279	4207	1666	1329	2995	72	3006	49264	..	..	All Races and Castes.
7	7	16	105	67	28	49	60	31	122	15	372	64	8	32	104	40	37	77	..	61	..	1368	..	Still-born.
290	348	577	3895	1968	960	1971	2853	1513	3826	658	13754	2451	405	1247	4103	1626	1292	2909	72	2945	..	..	47896	Total exclusive of Still-born.

D				E								F				G			Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.	
Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.						
3	4	5		1	2	3	4	5	6	7		1	2	3		1	2							

XXX

DEATHS in different OCCUPATIONS from different CAUSES in

Occupation or Trade of Family.	General Diseases.										
	A										
	Small-pox.	Measles.	Fever.				Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.					
CLASS I.—PROFESSIONAL.											
1. General Government.											
(a) *Imperial.*											
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	...	...	...	...	...	9	3	35	...	...	...
(b) *Local and Municipal Government.*											
4 Persons employed under Municipal and Local Bodies (including Police)	...	...	1	7	...	30	19	135	4	...	...
(c) *Foreign Governments and Native States.*											
5 Consuls	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...
2. Defence.											
(a) *Army.*											
7 Officers, effective (including Non-Combatants)	...	...	..	...	...	...	...	...	...	...	...
8 Soldiers	...	...	2	1	...	3	...	8	...	..	...
9 Army Pensioners, &c.	...	...	...	...	...	1	...	3	...	...	...
(b) *Navy.*											
10 Naval Officers	...	...	...	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.											
(a) *Ecclesiastical.*											
13 Ministers of Religion, Priests and persons officiating in Churches, Temples and Mosques, &c.	...	...	1	...	...	4	1	12	...	...	...
14 Missionaries	...	...	...	...	...	...	...	1	...	...	...
15 Devotees, Bhikshuks, Fakirs, &c.	...	...	...	2	1	10	2	31	1	...	...
16 Servants and Officers of Religious Institutions	...	...	...	...	...	...	...	...	...	...	...
(b) *Law.*											
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	...	...	...	...	...	1	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	1	...	...	...

VII.

the City of BOMBAY for the Year beginning 1st January 1897.

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.		Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
9	...	...	...	...	5	...	1	8	1	...	1	...	...	...	...	1	2	...	...	...	...	75
31	2	...	2	...	29	9	18	15	2	5	...	...	...	...	...	3	...	1	1	...	...	304
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	3	...	3	...	3	...	...	3	1	...	...	...	...	...	...	...	...	...	1	1	...	32
5	2	...	...	...	10	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
10	2	...	3	...	5	2	6	4	1	...	...	...	...	...	...	3	...	...	...	...	...	52
31	3	...	1	...	20	1	7	5	...	...	...	...	...	...	...	2	...	4	...	1	1	130
1	...	...	...	...	...	8	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

XXX

Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Fever: Enteric Fever.	Fever: Simple Continued.	Ague.	Fever: Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS I.—PROFESSIONAL—*contd.*											
3. Learned Professions, &c.—*contd.*											
(c) *Medical.*											
21 Physicians and Surgeons (*Licensed*)	...	...	...	..	...	2	...	3	...	...	...
22 Medical Assistants, &c.	...	...	1	...	...	2	...	4	...	...	...
23 Vaids, Hakims and Unlicensed Practitioners.	...	...	...	..	...	1	...	...	...	...	...
24 Dentists	...	...	...	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	...	...	...	1	...	1	...	...	...
26 Midwives and Nurses	...	...	...	...	1	3	6	29	...	...	...
(d) *Literature, &c.*											
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	..	...	...	...
(e) *Artists, &c.*											
30 Painters (*Artists*)	...	...	...	...	...	...	...	...	...	..	...
31 Sculptors	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	...	...	...	...	1	2	...	...	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*											
34 Music Masters and Players	...	...	...	...	...	7	...	5	...	...	...
(g) *Actors, &c.*											
35 Actors, Actresses	...	...	...	..	...	...	...	...	...	...	..
36 Theatre Service	...	...	..	..	...	...	...	...	...	...	...
37 Dancers, Naikins, &c.	...	...	...	...	...	...	...	...	...	...	...
38 Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	...	...	...	..	...	1	...	...	...
40 Cricket Club, Gymkhana Service	...	...	...	..	...	...	...	...	...	...	...
(h) *Teachers, &c.*											
41 School Masters, Mistresses	...	...	...	..	...	3	...	7	...	...	...
42 Professors, Teachers, &c.	..	...	...	...	...	2	...	8	2	...	...
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*											
44 Civil Engineers	...	...	...	...	...	1	...	3	...	...	...
45 Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.											
4. Omitted.											

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
1	...	...	...	...	1	...	...	1	1	...	1	...	...	...	...	...	...	...	1	...	13
7	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1
10	...	...	2	...	4	1	3	4	...	...	...	...	...	...	2	...	...	1	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
6	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	1	...	2	...	2	1	...	...	...	1	...	...	...	...	...	...	...	...	28
5	2	...	...	1	5	2	1	2	...	...	...	...	...	...	1	...	...	...	...	...	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
2	1	...	1	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases.										
	A										
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS II.—DOMESTIC—*contd.*											
5. Entertainers, &c.											
(a) *Board and Lodging.*											
46 Hotel and Innkeepers	...	...	...	...	...	...	...	...	...	...	...
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c	...	...	...	...	..	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	..	...	...	...	...	...	...
51 Mess Contractors, &c	...	...	...	...	...	...	...	...	...	...	...
(b) *Domestic.*											
52 In-door Servants	...	...	...	3	...	52	28	217	2	...	2
53 Service in Stables, &c	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	...	...	...	6	1	49	4	147	3	...	1
55 Bhistis (Water-carriers)	...	...	...	1	...	1	1	8	...	...	...
56 Sweepers (of houses, &c.)	...	...	...	..	...	1	...	1	1	...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	...	...	2	11	2	117	18	281	3	...	5
CLASS III.—COMMERCIAL.											
6. Mercantile.											
(a) *Merchants, &c.*											
60 General Merchants	...	...	...	2	...	22	3	67	...	...	1
61 Merchants in Cotton	...	...	...	...	...	...	...	3	...	...	...
62 Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...
63 Bankers	...	...	...	...	...	6	...	16	...	...	1
64 Money-lenders	...	...	..	...	...	...	...	2	1	...	1
65 Service in Banks	...	...	...	...	...	...	...	2	...	...	...
66 Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...
67 Commercial Agents, Brokers, &c	...	...	1	2	...	24	1	49	...	...	...
68 Salesmen, Bill Collectors, &c	...	...	...	...	1	1	...	8	...	...	...
69 Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	...	...
70 Accountants, Auditors	...	...	...	...	...	...	...	...	...	...	...
71 Commercial Clerks, &c	...	...	3	1	1	81	8	202	...	...	8
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...
(b) *Other General Dealers.*											
76 General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	2	...	19	...	...	...
77 Itinerant Retailers	...	...	...	...	...	21	4	19	...	...	...
78 Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...	...	...

VII.—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66	12	...	15	..	48	18	17	19	7	2	4	1	...	..	5	1	1	3	1	...	519
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
56	1	...	...	...	48	4	5	2	1	5	2	...	...	...	...	...	...	...	...	...	337
3	...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	20
3	1	...	...	...	2	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
132	8	...	7	...	84	26	20	23	3	...	8	1	...	...	4	1	7	...	1	...	759
28	11	...	10	...	16	6	4	7	2	...	2	1	...	...	...	...	...	...	...	1	188
1	1	...	1	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	2	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	33
4	1	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	8
1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	177
43	5	...	3	...	23	7	10	7	1	...	...	...	...	...	...	...	...	...	...	...	13
1	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	5
2	2	...	9	...	29	28	19	20	2	2	3	1	...	...	2	1	...	...	2	...	589
114	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	...	...	...	4	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	28
60	3	...	2	...	34	7	2	5	1	1	1	...	...	...	2	...	3	...	1	...	167
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases. A. Fever. Small-pox.	Measles.	Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS III.—COMMERCIAL—*contd.*											
7. Carriers.											
(a) *On Railways.*											
79 Drivers, Stokers (*A'gwallahs*)	1	...	...	...	1	10	3	15	...	...	1
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	...	...	7	...	...	...
81 Guards, Signalmen, Porters, Police	...	...	...	...	...	13	5	45	...	...	...
82 Agents, Managers, Office Service	...	...	...	...	...	2	...	3	...	...	...
(b) *On Roads.*											
83 Carriage and Horse Litters, Livery Stable Keepers, &c.	...	...	...	1	...	3	...	10	...	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigrammwallahs, &c.*)	...	...	...	5	3	14	2	69	...	...	3
(c) *Omitted.*											
85 Cart Owners and Drivers (*Gádawallahs*)	...	...	...	6	1	78	17	137	2	...	2
86 Carriers on Pack Animals (*Wanjáras, &c.*)	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*											
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	1	...	...	1	1	3	...	...	...
89 Seamen (not Government)	...	...	...	2	...	33	19	20	...	...	2
90 Pilots	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	...	...	...	1	1	2	...	...	...
92 Dock and Harbour Officials	...	...	...	1	...	...	...	...	...	...	...
93 Dock Labourers	...	...	...	...	...	1	1	...	...	...	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	1	...	..
95 Dubashes	...	...	...	...	...	...	...	1	...	...	...
(e) *Storage, &c.*											
96 Warehousemen and Storekeepers	...	...	...	...	...	1	1	2	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*											
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	1	...	...	2	2	58	6	100	1	...	3
CLASS IV.—AGRICULTURE, PASTURE AND DEALINGS WITH ANIMALS, &c.											
8. Agriculture and Pasture, &c.											
(a) *Cultivation and Grazing.*											
101 Occupants and Tenants of Land and Cultivators	...	...	...	1	1	13	5	48	1	...	1

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
28	4	...	1	...	19	3	6	2	...	...	...	...	...	...	1	...	...	2	...	...	97
1	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	11
9	1	...	...	...	3	1	3	1	3	...	...	...	...	...	...	...	1	4	...	...	89
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	6
1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
36	5	...	1	...	24	5	3	3	1	...	...	...	...	...	...	...	2	3	...	...	179
57	3	...	2	...	40	10	16	12	1	...	3	...	...	...	4	2	2	2	...	1	398
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	1	...	...	...	4	1	1	2	...	...	...	...	...	...	...	...	...	...	1	...	20
53	3	...	3	...	24	3	5	9	...	...	1	...	...	...	...	...	1	2	2	2	184
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	...	...	1	...	1	1	1	...	...	...	...	...	...	...	...	...	2	5	...	...	3
1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
56	7	1	2	...	26	12	12	9	1	...	...	...	...	...	4	...	1	1	...	...	805
14	5	...	3	...	12	3	4	4	2	...	1	...	...	...	2	...	2	...	...	...	120

Occupation or Trade of Family.	General Diseases. A. Fever. Enteric Fever.	Fever. Simple Continued.	Fever. Ague.	Fever. Remittent Fever.	Small-pox.	Measles.	Cholera.	Plague.	All other diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS IV.—AGRICULTURE, PASTURE, AND DEALINGS WITH ANIMALS, &c.—*contd.*											
8. Agriculture and Pasture, &c.—*contd.*											
(a) *Cultivation and Grazing*—contd.											
102 Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*											
106 Gardeners (*Mali* and *Kachia*)	...	...	3	...	17	6	93	...	...	...	
107 Growers and Sellers of Flowers and Garlands	...	...	...	...	...	1	4	...	...	...	
9. Animals.											
108 Horsedealers, &c.	...	...	...	...	...	...	1	...	...	...	...
109 Jockey Grooms (not domestic service)	...	...	8	2	29	8	83	8	...	...	...
110 Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	...	...	...	...
111 Horse Shoers (*Nalband*)	...	...	...	...	...	...	3	...	...	...	...
112 Cattle and Sheep Breeders (*Dhangar*, &c., *Wanjari*)	...	...	...	...	...	...	5	...	...	...	...
Fishers.											
113 Fishermen, &c.	...	...	...	3	25	5	104	...	...	1	
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...	...
CLASS V.—INDUSTRIAL.											
10. Art and Mechanical Productions.											
(a) *Books.*											
116 Booksellers, Publishers	...	...	...	...	...	...	3	...	...	...	...
117 Bookbinders	...	...	...	...	1	...	7	...	...	...	...
118 Printers by Steam, Compositors, &c.	...	2	...	...	29	2	49	1	...	...	...
119 Newspaper Proprietors, &c.	...	...	...	...	...	...	...	...	...	...	...
120 Do. Agents	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	1	...	...	...	...
(b) *Musical Instruments.*											
122 Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.												
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	5	...	1	...	14	4	5	4	...	...	2	...	...	...	...	...	...	1	1	...	170
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	4
18	6	...	...	...	15	2	7	3	...	1	...	...	...	...	...	...	1	2	...	...	188
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
3	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
22	3	...	...	...	16	3	2	5	...	...	...	...	...	...	1	...	...	...	1	...	191
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	10
3	...	...	...	...	1	2	1	4	...	...	...	...	...	...	...	...	...	...	...	...	21
5	...	...	...	...	9	3	6	5	...	...	...	...	...	...	...	...	...	1	...	1	161
46	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever.				Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.					
CLASS V.—INDUSTRIAL—*contd.*											
10. Art and Mechanical Productions—*contd.*											
(c) *Prints, Pictures.*											
124 Lithographers	...	...	...	...	...	...	..	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*											
126 Wood Carvers	...	...	...	...	...	...	1	...	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	4	...	10	...	...	1
(e) *Toys, &c.*											
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...	..	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*											
131 Type Founders	...	...	...	...	...	1	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	2	...	...	...	...	...
(g) *Watches, &c.*											
134 Watch and Clock Makers	...	...	...	...	...	2	...	...	...	...	...
(h) *Omitted.*											
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*											
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	2	...	2	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*											
139 Engine Makers (Fitters, &c.)	...	...	...	2	...	35	5	80	...	1	...
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	1	...	...	...	...	...
(l) *Carriages, &c.*											
143 Carriage, Cart and Palki Makers	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	1	...	...	1	...	2	1	...	...
(m) *Harness.*											
145 Saddle and Harness Makers	...	...	...	...	...	...	...	2	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
4	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1
																					21
3	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	5
																					2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	5
...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	6	...	1	...	26	4	10	7	...	1	...	1	...	...	1	...	1	1	...	...	236
																					...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	3
																					...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
2	1	...	...	...	3	...	...	1	...	...	...	...	...	...	1	...	1	...	...	1	14
																					2
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
108																					

Occupation or Trade of Family.	General Diseases. A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.	
CLASS V.—INDUSTRIAL—*contd.*												
10 Art and Mechanical Productions—*contd.*												
(n) *Boats and Ships.*												
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*												
151 House-owners, &c	...	...	...	...	...	...	...	...	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	1	...	3	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	1	...	...	...	...	3	1
155 Carpenters, Joiners, Sawyers	1	1	...	1	1	43	10	162	...	...	...	...
156 Masons and Bricklayers	...	...	...	2	...	22	3	61	...	...	...	...
157 Tile Turners	...	...	...	...	...	1	...	3	...	...	...	...
158 Plumbers	...	...	...	...	...	3	...	1	...	...	...	...
159 House and Wall Painters	...	...	...	...	1	5	1	21	...	...	...	...
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*												
161 Furniture Makers and Dealers and Upholsterers	...	...	...	...	...	...	1	5	...	...	...	...
162 Carvers and Gilders	...	...	...	...	...	2	...	...	...	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	1	1	...	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*												
165 Fireworks Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	1	...	1	...	...	...	...
11. Textile Fabrics.												
(a) *Wool.*												
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	3	...	...	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.				
						Digestive System.														
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
86	9	...	2	1	46	9	19	11	...	...	...	...	...	...	1	...	...	1	3	...	411
49	5	...	...	...	20	7	8	2	...	1	1	...	...	...	2	...	...	2	1	...	186
5	1	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	13
3	...	...	1	...	2	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	13
8	...	...	...	...	4	8	...	3	...	...	...	...	...	...	...	1	...	...	...	...	47
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	4	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	22
1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	5	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.	
CLASS V.—INDUSTRIAL—*contd.*												
11. Textile Fabrics—*contd.*												
(b) *Silk.*												
174 Silk Workers by Hand	...	...	...	...	...	3	...	2	...	...	...	
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	
176 Silk Dyers	...	...	...	...	...	...	...	...	...	...	...	
177 Silk Makers	...	...	...	...	...	1	...	...	...	...	...	
(c) *Cotton and Flax.*												
178 Cotton Dyers	...	...	...	1	..	7	..	12	...	...	1	1
179 Lace Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	..	1	...	...	...	...	...	...
182 Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	4	...	1	...	...	...	...
183 Mill Managers, Clerks, &c.	...	...	1	..	...	6	1	11	...	...	...	...
184 Calico Printers	...	...	...	...	...	1	...	...	...	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*												
186 Spinners and Weavers and Factory Workers (unspecified)	...	...	...	21	5	51	10	62	...	...	1	4
187 Embroiderers and Brocade, &c., Makers	...	...	...	...	...	5	...	1	...	...	...	...
188 Cotton Goods Sellers, Drapers	...	...	...	1	...	11	1	14	...	...	...	...
(e) *Dress.*												
189 Barbers, Hair Dressers, &c.	...	...	...	3	...	26	4	45	4	...	...	...
190 Turban, Cap and Hat Makers	...	...	...	...	...	1	...	1	...	...	...	...
191 Turban Folders	...	...	...	...	...	1	...	1	...	...	...	...
192 Caste-Mark Makers	...	...	...	...	...	...	...	...	...	...	...	...
193 Tailors	...	1	1	4	2	26	2	82	2	1	2	2
194 Milliners and Dress Makers	..	...	...	...	...	...	...	1	...	...	...	...
195 Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	1	2	2
196 Shoe and Boot Makers	...	...	...	6	1	47	7	66	1	...	...	...
197 Button Makers	...	...	...	...	...	...	...	...	...	...	...	...
198 Umbrella Makers and Sellers	...	...	...	1	...	...	...	1	...	...	...	...
199 Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Jute, Tents, Ropes, &c.*												
201 Workers and Sellers of Jute	...	...	...	...	...	4	...	6	...	...	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	1	...	...	...	...
203 Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	...	...	...	1	...	...	...	..	..	...

VII—*continued.*

B	Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.														
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
1	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	1	...	...	...	1	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	9
28	2	...	1	...	30	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	79
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
4	...	...	...	...	4	...	...	1	...	...	...	...	..	...	...	...	...	...	...	...	14
5	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
138	8	2	1	...	103	16	14	11	1	...	2	2	...	...	4	...	2	...	...	...	458
15	1	...	...	...	5	2	2	1	1	...	...	...	...	...	1	...	...	...	...	...	34
30	6	...	3	...	14	1	5	2	...	...	...	...	...	...	...	2	..	...	...	...	90
25	1	...	...	...	14	1	7	2	...	...	...	...	...	...	1	1	...	...	...	1	135
2	...	...	...	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	8
2	...	...	..	...	1	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
63	5	1	4	...	34	12	12	11	1	...	...	...	...	...	4	...	1	...	...	1	272
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	2	...	1	...	43	9	9	5	2	...	...	...	...	...	3	1	..	1	...	...	250
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
1	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	..	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	..	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*												
12. Foods, Drinks and Stimulants.												
(a) *Animal Food.*												
205 Cow Keepers, Milk Sellers	...	...	...	4	...	32	7	58		1	1	1
206 Sellers of Ghee, Butter, Cheese	...	...	...	...	...	1	...	2		...	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	...	...	...	6	2	7		...	...	...
208 Fowl Sellers (Poulterers)	...	...	...	1	...	...	...	...		...	...	...
209 Fish Salesmen	...	...	...	1	...	...	...	2		...	...	...
210 Provision Dealers, Bazaar Suppliers	...	...	...	...	...	...	...	..		...	...	...
(b) *Vegetable Food.*												
211 Grain, Pulse and Flour Dealers	...	...	...	1	..	29	1	47		...	...	...
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	...	...	1		...	...	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	4		...	...	...
214 Bakers	...	...	...	...	1	3	...	5		1	...	...
215 Sweetmeat Makers & Sellers & Pastry Cooks.	...	...	...	1	...	12	1	25		...	...	1
216 Fruit and Vegetable Dealers	...	...	...	3	1	54	6	100		5	1	...
(c) *Drinks and Stimulants.*												
217 Brewers	...	...	...	...	...	...	..	...		...	...	...
218 Wine and Spirit Dealers	...	1	...	...	...	2	...	8		...	...	...
219 Distillers and Toddy Drawers	...	...	...	1	1	12	2	16		...	...	1
220 Soda Water, &c., Makers and Dealers	...	...	...	...	...	2	...	3		...	...	...
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	...	...	1		...	...	1
222 Grocers, Spice Dealers	...	...	1	1	...	10	...	27		...	...	1
223 Tea Dealers and Tasters	...	...	...	1	...	2	1	1		...	...	1
224 Tobacco and Snuff Manufacturers and Sellers.	...	...	...	...	1	8	1	5		...	...	...
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...		...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...		...	...	...
227 Pan and Betel Sellers	...	...	...	..	...	7	3	6		...	...	...
228 Perfume Makers and Dealers	...	...	...	...	...	1	...	...		...	...	...
229 Makers and Sellers of Sherbet	...	..	...	...	...	...	...	...		...	...	...
230 Ditto Vinegar	...	...	..	...	...	...	...	...		...	...	...
13. Animal Substances.												
231 Soap Makers and Sellers	...	...	...	...	...	1	...	...		...	...	...
232 Comb Makers, &c.	...	...	...	...	...	...	...	...		...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...		...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	...	...		...	...	...
Leather.												
235 Hide and Skin Dealers	...	...	...	...	...	...	...	3		...	...	...
236 Tanners and Curriers	...	...	...	...	1	6	...	36		...	...	...
237 Leather Workers and Sellers (not Shoemakers)	...	...	...	...	...	2	...	7		...	...	...

VII—*continued.*

B	Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence					
					Digestive System.															
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
42	5	...	1	...	24	7	4	1	...	1	...	...	...	...	...	1	2	...	...	...	192
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
28	4	...	...	...	8	2	1	...	...	...	...	...	...	...	1	...	...	...	...	...	59
6	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
19	...	...	...	...	12	2	1	4	...	...	...	...	...	...	1	...	...	...	...	...	117
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
4	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	11
11	...	...	2	...	...	1	1	...	...	...	1	...	...	...	...	1	...	...	...	1	28
19	1	...	1	...	5	4	2	1	...	...	...	...	...	...	2	...	...	...	...	1	76
52	7	...	...	...	45	2	14	7	1	6	...	...	...	...	3	...	...	...	1	...	308
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	1	...	2	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	21
3	1	...	1	...	4	1	...	6	...	...	...	1	...	...	...	...	...	...	...	...	50
2	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	9
2	...	...	2	...	9	5	3	4	...	...	...	...	...	...	...	...	...	...	...	...	4
22	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	86
6	...	...	...	...	2	...	...	2	1	...	...	...	...	...	1	1	...	...	1	...	16
7	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	30
15	...	...	...	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
3	...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	47
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.		Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*												
14. Vegetable Substances.												
(a) *Gums, Oils, &c.*												
238 Oil Pressers, Oil Cake Makers and Sellers ...	...	...	...	1	...	2	1	7	...		...	1
239 Lac Makers	...	...	...	...	...	...	...	...	...		...	...
(b) *Wood, &c.*												
240 Wood and Timber Dealers	...	...	...	1	...	1	...	6	...		...	...
241 Wood Turners (*Kantaras*)	...	...	...	...	...	...	...	...	...		...	...
242 Lacquer Workers.....	...	...	...	...	...	...	...	...	...		...	...
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...		...	...
244 Firewood Sellers	...	...	...	...	...	1	1	3	...		...	...
245 Coopers	...	...	...	...	...	...	...	1	...		...	...
246 Broom Makers	...	...	...	...	...	2	...	2	...		...	...
247 Basket and Cane Workers and Sellers.....	...	...	...	...	...	5	...	2	...		...	...
248 Grass and Forage Dealers	...	...	...	...	...	6	...	3	...		...	...
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...		...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...		...	...
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...		...	...
(c) *Paper.*												
252 Rag Dealers	...	...	...	...	...	...	...	...	...		...	...
253 Paper Makers	...	...	...	...	...	...	...	...	...		...	...
254 Stationers and Dealers in Paper	...	...	...	...	...	3	...	...	...		...	...
15. Mineral Substances.												
(a) *Omitted.*												
255 Coal Merchants, Shippers, &c.	...	...	...	...	...	2	2	8	...		...	...
256 Gas Works Service	...	...	...	...	...	...	...	1	...		...	...
(b) *Coal.*												
257 Charcoal Sellers, &c.	...	...	...	...	...	...	...	...	...		...	...
258 Cowdung Cake Sellers.....	...	...	...	...	...	...	...	1	...		...	...
(c) *Stone-clay.*												
259 Stone Quarrymen (*Beldars, Valdars, &c.*) ...	...	...	...	...	...	...	1	2	...		...	...
260 Stone Cutters (*Patharvats, Salats*)	...	...	...	1	...	4	4	23	...		...	...
261 Lime Makers and Sellers (*Lunaris, Chunaras, &c.*)	...	...	...	...	...	...	...	...	...		...	...
262 Brick, &c., Makers	...	...	...	...	...	...	...	...	...		...	...
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...		...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...		...	...

VII—*continued.*

B	All other Diseases classed under Section B of General Diseases.	Local Diseases.										Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
		Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
							Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
13						7	2	1														35
13		1		2		4	1	2	1								1					33
2		1																				7
2								1														2
3				1		2		1														9
5			1																1			24
5						2		1	1													18
4		1				2																10
1		1		1				1										1		1		20
1						1		1														2
1																						1
8		3		2		10	1	1	1			2				1				2	2	68
5							1			1												7
2																						2
104																						

Occupation or Trade of Family	General Diseases. A. Fever. Small-pox.	Measles.	Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*											
15. Mineral Substances—*contd.*											
(d) *Earthenware.*											
265 Potters	...	..	...	...	...	2	...	8	...	...	...
266 Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...
(e) *Glass.*											
267 China Glass Dealers	...	...	1	...	...	...	...	...	...	...	...
268 Glass Makers and Sellers	...	...	...	...	...	1	1	...	...	...	...
269 Bangle Makers and Sellers	...	...	...	...	...	1	...	1	...	...	..
270 Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	1	...	...	...
(f) *Salt.*											
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...
272 Salt Brokers and Dealers	...	...	...	...	...	...	...	2	...	..	..
(g) *Water.*											
273 Water Works Service	..	...	...	...	...	...	...	...	...	...	...
274 Well Sinkers	...	...	..	...	...	...	...	...	...	...	...
275 Ice Dealers and Makers	...	...	...	...	...	...	...	1	...	...	...
(h) *Gold, Silver and Jewellery.*											
276 Gold and Silver Smiths	...	...	...	...	...	14	1	41	...	...	...
277 Precious Stone Dealers, &c	...	...	...	...	...	...	...	1	...	...	..
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	..
279 Electropiaters	...	..	...	...	...	...	...	...	...	..	..
280 Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	..
281 Assayers (*Choksis*), Dealers in Gold & Sellers	...	...	..	...	...	...	...	...	...	...	..
282 Gold and Silver Lace Makers	...	...	...	...	...	1	...	1	...	...	...
283 Wire Drawers, &c.	..	...	...	...	...	...	...	...	...	...	...
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	1	...	...	...
(i) *Copper.*											
285 Copper Smiths	...	...	...	...	...	7	2	15	...	...	...
(k) *Tin.*											
286 Tinmen and Tinware Dealers	...	...	...	...	...	6	...	6	...	...	1
(l) *Brass.*											
287 Brass Smiths and Dealers in Brass	...	...	...	...	...	1	...	...	...	...	...
288 Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	1	...	...	...
289 Gas Fitters	...	...	...	...	...	...	...	...	...	...	...
290 Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...

VII—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Absorbent System and Ductless Glands.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.		Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
3	...	...	...	...	4	1	1	...	...	...	...	1		...	...	...	...	...	...	...	...	20
1	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	2
					...	...	...	...	...	...	1	...		...	...	...	...	...	...	...	...	4
2	...	...	...	...	3	...	2	1	...	...	...	...		...	...	...	...	...	...	...	...	14
5	1	...	...	...	2	...	1	...	...	...	...	...		...	...	...	...	...	1	...	...	11
5	...	...	...	...	2	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	4
1	...	...	...	...																		
					...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	1	...	...	1	...	...	...		...	...	...	...	...	...	...	...	7
2	...	...	...	...																		
					...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
..	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	2
...	...	...	...	...																		
					16	2	5	4	1	...	1	...		...	...	1	...	1	...	...	119
31	...	...	1	...	2	...	...	1	...	...	...	...		...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	8
..	...	...	...	...	2	...	...	1	...	...	...	...		...	...	...	...	...	...	...	2
1	2	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	...	...	...	1
...	1	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	49
18	1	...	...	...	3	1	1	...	1	...	...	...		...	...	...	1	...	...	...	37
9	...	...	...	...	10	2	1	1	...	...	...	...		...	...	...	...	...	...	...	2
1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	1	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...

Occupation or Trade of Family.	General Diseases.											
	A											
	Small-pox.	Measles.	Fever.				Cholera.	Plague.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.	
			Enteric Fever.	Simple Continued	Ague.	Remittent Fever.						
CLASS V.—INDUSTRIAL—*contd.*												
15. Mineral Substances—*contd.*												
(m) *Iron and Steel.*												
291 Blacksmiths	...	...	...	...	...	17	2	25	...	...	...	
292 Hardware and Iron Mongers	...	...	...	...	...	2	...	3	...	...	...	
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	
CLASS VI.—OTHERS AND UNSPECIFIED.												
16. Indefinite.												
(a) *General Labourers.*												
294 General Labourers and Coolies	4	1	...	50	26	704	306	1690	35	3	16	
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	4	...	...	...	
(b) *Indefinite.*												
296 Enginemen, &c. (unspecified)	...	..	...	...	...	...	...	...	...	...	...	
297 Factory Labourers (unspecified)	...	...	...	62	11	328	196	1046	16	1	4	
298 Shopmen, &c. (unspecified)	...	...	...	...	1	40	4	94	...	...	...	
299 Contractors, &c. (unspecified)	..	...	...	...	...	4	1	4	1	...	...	
200 Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	
17. Persons of Independent Means.												c
301 Living on Property (funded rents, &c.)	...	...	...	1	...	3	...	11	1	...	1	
302 Pensioners (unspecified)	...	...	...	1	1	5	...	13	...	...	3	
18. Others.												
303 Mendicants	...	...	...	10	7	110	30	199	11	8	9	
304 Prisoners	...	...	...	...	...	...	1	7	...	...	...	
305 Prostitutes and Pimps	...	...	...	...	...	4	...	8	...	...	...	
306 Others	...	...	2	...	1	12	1	33	1	...	...	
307 Males following no occupation	1	...	1	14	3	178	52	612	3	23	14	
308 Females do. do.	3	4	6	81	42	863	166	1599	220	12	43	
309 Children, Males	25	170	3	217	45	1106	130	1310	132	3	31	
310 Do. Females	21	181	2	229	58	1168	111	1055	128	3	28	
Grand Total	57	359	33	789	225	5904	1265	11003	580	63	195	

VII—*concluded.*

B	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Absorbent System.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
29	1	...	...	...	12	4	5	2	1	...	...	...	...	...	...	...	1	...	...	...	99
4	1	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
711	53	...	12	1	593	135	176	60	15	60	17	1	...	...	56	6	29	38	9	5	4812
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
349	17	...	5	...	210	71	77	32	3	27	8	1	...	...	26	1	13	7	9	...	2520
49	7	...	3	...	44	4	7	8	1	...	2	...	...	...	2	...	...	1	...	...	267
2	1	...	2	...	3	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	9	...	...	...	17	2	3	2	1	2	1	...	...	...	4	...	...	...	...	...	85
18	11	1	3	...	37	3	8	6	2	1	1	...	...	...	23	...	...	...	...	...	137
208	18	1	4	...	218	87	63	7	6	3	7	2	...	...	60	1	64	4	3	...	1189
1	1	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	5	...	...	...	19
17	3	...	...	...	9	...	2	1	...	...	2	...	...	...	1	...	2	...	...	...	49
16	5	...	2	...	10	3	...	4	...	...	2	...	...	...	1	...	...	...	1	...	94
255	127	..	27	...	825	123	89	64	15	3	8	14	...	...	369	7	32	10	11	24	2903
2444	257	1	53	1	1768	232	241	114	27	401	26	22	...	...	644	2	31	11	17	11	9337
736	775	4	3	2	1446	454	330	258	8	...	33	5	798	12	1037	2	30	19	11	10	9105
892	640	2	7	...	1495	468	386	250	7	6	28	6	570	9	925	1	18	10	9	9	8662
7789	2141	15	233	6	7857	1869	1689	1117	135	530	161	64	1368	21	3206	38	263	137	92	77	49364

XXXVIII.

DEATHS in different OCCUPATIONS in different QUARTERS in the CITY of BOMBAY during the Year beginning 1st January 1897.

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS I.—PROFESSIONAL.																	
1. General Government.																	
(a) *Imperial.*																	
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	14	19	14	47	4	1	1	6	4	4	5	13	4	2	3	9	75
(b) *Local and Municipal Government.*																	
4 Persons employed under Municipal and Local Bodies (including Police)	35	76	44	155	22	5	17	44	16	17	20	53	18	18	16	52	304
(c) *Foreign Governments and Native States.*																	
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Defence.																	
(a) *Army.*																	
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Soldiers	2	6	3	11	3	2	2	7	2	2	2	6	2	4	2	8	32
9 Army Pensioners, &c.	4	7	3	14	...	1	...	1	1	2	3	6	1	...	1	2	23
(b) *Navy.*																	
10 Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	3. LEARNED PROFESSIONS, &c.																	
	(a) *Ecclesiastical.*																	
13	Ministers of Religion, Priests and Persons officiating in Churches, Temples, and Mosques, &c.	9	7	5	21	4	1	3	8	2	5	4	11	5	2	5	12	53
14	Missionaries	1	...	..	1	...	1	...	1	...	...	...	...	...	...	...	...	2
15	Devotees, Bhikshuks, Fakirs, &c.	11	29	20	60	6	1	3	10	5	8	15	28	5	11	16	32	180
16	Servants and Officers of Religious Institutions.	1	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	2
	(b) *Law.*																	
17	Barristers and Advocates	...	...	1	1	...	1	...	1	...	...	...	...	...	...	...	...	2
18	Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
19	Pleaders and Vakils	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	..	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	(c) *Medical.*																	
21	Physicians and Surgeons (*Licensed*)	2	1	2	5	1	1	...	2	...	1	...	1	1	...	...	1	9
22	Medical Assistants, &c.	3	2	2	7	1	...	1	2	1	1	...	2	1	...	1	2	13
23	Vaids, Hakims, and Unlicensed Practitioners.	2	1	...	3	...	...	...	...	2	1	...	3	...	3	...	3	9
24	Dentists	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
25	Chemists and Druggists	1	1	1	3	...	...	...	...	...	...	1	1	...	...	1	1	5
26	Midwives and Nurses	8	12	10	30	4	3	2	9	4	6	6	16	2	3	5	10	65
	(d) *Literature, &c.*																	
27	Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Reporters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Artists, &c.*																	
30	Painters (*Artists*)	1	...	...	1	...	...	...	...	...	..	...	...	...	...	...	...	1
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	Photographers	1	2	...	3	...	1	...	1	1	1	...	2	...	...	...	...	6
33	Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Musicians.*																	
34	Music Masters and Players	8	5	2	15	2	...	1	3	...	1	...	1	1	...	4	5	24
	(g) *Actors, &c.*																	
35	Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	Dancers, Naykins, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	Jugglers, Snake Charmers, &c	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Billiard Room Keepers, &c.	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
40	Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS I.—PROFESSIONAL—*contd.*																	
3. Learned Professions, &c.—*contd.*																	
(h) *Teachers, &c.*																	
41 School Masters, Mistresses	6	3	4	13	3	...	2	5	....	2	...	2	...	2	1	3	23
42 Professors, Teachers, &c.	5	4	5	14	3	4	1	8	...	1	2	6	2	1	...	3	31
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*																	
44 Civil Engineers	3	1	2	6	1	1	...	3	1	2	...	3	...	...	...	...	11
45 Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.																	
4. Omitted.																	
5. Entertainers, &c.																	
(a) *Board and Lodging.*																	
46 Hotel and Inn-Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
49 Institution Service, &c.	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Domestic.*																	
52 Indoor Servants	112	76	69	257	36	19	17	72	34	38	24	96	23	24	47	94	519
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	89	80	59	228	22	9	3	34	11	13	9	33	16	9	17	42	337
55 Bhistis (Water-carriers)	3	2	2	7	5	1	...	6	...	2	3	5	...	...	2	2	20
56 Sweepers (of houses, &c.)	1	1	2	4	...	1	1	2	...	2	2	4	...	2	1	3	13
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	139	151	90	380	62	27	28	117	33	43	35	101	43	32	86	161	759

CLASS III.—COMMERCIAL.

6. MERCANTILE.

(a) *Merchants, &c.*

60	General Merchants	24	30	26	80	26	5	5	36	8	10	11	29	11	16	11	38	183
61	Merchants in Cotton	1	...	1	2	4	...	...	4	...	2	1	3	...	1	1	2	11
62	Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
63	Bankers	3	1	1	5	3	...	2	5	2	3	2	7	3	6	7	16	33
64	Money-lenders	...	1	...	1	...	...	...	...	...	...	...	...	1	4	2	7	8
65	Service in Banks	...	3	...	3	...	...	1	1	...	...	...	...	1	...	...	1	5
66	Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67	Commercial Agents, Brokers, &c.	32	26	24	82	12	7	5	24	6	13	15	34	10	8	19	37	177
68	Salesmen, Bill Collectors, &c	2	8	1	11	...	...	...	...	...	...	...	...	...	1	1	2	13
69	Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
70	Accountants Auditors	...	...	1	1	1	...	1	2	...	...	...	...	...	...	2	2	5
71	Commercial Clerks, &c.	128	97	84	309	29	20	24	73	17	21	30	68	21	32	36	89	539
72	Notaries, Public	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(b) *Other General Dealers.*

76	General Dealers & Shopkeepers (*unspecified*)	7	1	15	23	...	...	...	...	...	...	...	...	...	...	...	...	23
77	Itinerant Retailers	28	12	11	51	14	11	9	34	16	17	16	49	8	6	19	33	167
78	Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

7. CARRIERS.

(a) *On Railways.*

79	Drivers, Stokers (*A'gwallahs*)	9	10	11	30	5	4	6	15	8	8	10	26	7	11	8	26	97
80	Station Masters, Clerks, Ticket Collectors	...	3	4	7	1	...	...	1	1	...	1	2	...	1	...	1	11
81	Guards, Signalmen, Porters, Police	11	22	26	59	2	2	...	4	7	6	4	17	4	1	4	9	89
82	Agents, Managers, Office Service	4	2	...	6	...	...	...	...	...	...	...	...	...	...	...	...	6

(b) *On Roads.*

83	Carriage and Horse Letters, Livery Stable Keepers, &c.	4	4	8	16	...	...	...	...	...	...	...	...	...	...	1	1	17
84	Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs*, &c.)	28	31	35	94	17	8	13	38	8	9	8	25	10	2	9	22	179

(c) *Omitted.*

85	Cart Owners & Drivers (*Gádowallahs*)	64	80	44	188	47	17	16	80	22	30	23	75	13	20	22	55	398
86	Carriers on Pack Animals (*Wanjáras*, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

XXXVIII—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS III.—COMMERCIAL—*contd.*																	
	7. Carriers—*contd.*																	
	(d) *On Seas, &c.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	Ship or Boat Owners	3	2	4	9	1	...	2	3	1	...	...	1	6	...	1	7	20
88	Steam Navigation Service	22	14	17	53	13	11	12	36	15	14	16	45	23	13	14	50	184
89	Seamen (not Government)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
90	Pilots	1	...	...	1	2	...	...	2	1	1	...	2	1	1	...	2	7
91	Boatmen	...	...	1	1	1	...	...	1	...	...	1	1	...	...	...	...	3
92	Dock and Harbour Officials	...	4	2	6	1	1	1	3	1	2	1	4	...	...	...	...	14
93	Dock Labourers	...	...	...	...	...	...	...	...	...	1	1	2	...	...	1	1	2
94	Shipping Surveyors and Agents	...	1	...	1	...	...	...	...	2	1	1	4	...	...	...	...	6
95	Dubashes																	
	(e) *Storage, &c.*																	
96	Warehousemen and Storekeepers	...	1	1	2	...	...	...	...	...	2	...	2	...	1	...	1	5
97	Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
	(f) *Telegraph (Railway) and Messages.*																	
99	Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
100	Messengers, Porters, &c. (not Government)	70	73	45	188	17	9	6	32	12	15	13	40	15	17	13	45	305
	CLASS IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.																	
	8. Agriculture and Pasture, &c.																	
	(a) *Cultivation and Grazing.*																	
101	Occupants and Tenants of Land and Cultivators	20	24	15	59	11	3	7	21	6	7	9	22	6	5	7	18	120

102	Occupants and Tenants of Lands but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
103	Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104	Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
105	Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Gardening, &c.*																	
106	Gardeners (*Máli* and *Káchiá*)	26	51	36	113	17	5	4	26	...	8	7	15	6	7	3	16	170
107	Growers and Sellers of Flowers & Garlands	1	...	2	3	1	...	2	3	...	...	...	...	...	...	...	...	6
	9. ANIMALS.																	
108	Horse-dealers, &c.	...	1	...	1	...	...	...	...	...	1	1	2	..	1	...	1	4
109	Jockey Grooms (not domestic service)	41	33	25	99	12	3	4	19	8	9	11	28	10	9	23	42	188
110	Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1	2
111	Horse Shoers (*Nálband*)	5	4	...	9	...	...	...	...	...	...	...	...	...	...	...	...	9
112	Cattle and Sheep Breeders (*Dhangar*, &c.—*Wanjári*)	3	3	2	8	2	1	...	3	...	...	...	...	...	...	...	...	11
	Fishers.																	
113	Fishermen, &c.	74	40	26	140	13	6	6	25	9	4	3	16	4	3	3	10	191
114	Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
115	Leech Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CLASS V.—INDUSTRIAL.																	
	10. ART & MECHANICAL PRODUCTIONS.																	
	(a) *Books.*																	
116	Booksellers, Publishers	4	2	1	7	...	...	1	1	...	...	...	...	...	1	1	2	10
117	Bookbinders	8	4	1	13	...	2	1	3	...	...	...	...	1	3	1	5	21
118	Printers by Steam, Compositors, &c.	48	28	21	97	7	4	6	17	10	6	10	26	5	7	9	21	161
119	Newspaper Proprietors, &c.	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
120	Do. Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
121	Library or Book Depôt Keepers	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
	(b) *Musical Instruments.*																	
122	Makers, Tuners, &c., of Musical Instruments	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
123	Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Prints, Pictures.*																	
124	Lithographers	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
125	Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—INDUSTRIAL—*contd.*																	
10. Art and Mechanical Productions—*contd.*																	
(d) *Carvings, &c.*																	
126 Wood Carvers	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
127 Artificial Flower Makers	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
128 Figure Casters (*Otárva*)	5	6	5	16	1	...	...	1	...	1	2	3	1	...	...	1	21
(e) *Toys, &c.*																	
129 Toy and Kite Makers or Sellers	...	..	...	...	...	...	...	...	1	...	1	2	...	1	...	1	3
130 Billiard Table Makers	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
(f) *Engravings, &c.*																	
131 Type Founders	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	1	1	...	1	...	1	...	1	...	1	...	...	...	...	3
(g) *Watches, &c.*																	
134 Watch and Clock Makers	1	...	1	2	...	1	...	1	1	1	1	3	...	...	...	...	6
(h) *Omitted.*																	
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*																	
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	3	1	1	5	2	...	...	2	...	...	1	1	1	...	...	1	9
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*																	
139 Engine Makers (Fitters, &c.)	50	52	30	132	17	10	6	33	5	15	12	32	13	15	11	39	236

140	Spinning, Weaving, &c., Machine Makers ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...		
141	Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
142	Cutlers and Grinders	...	1	...	1	1	1	...	2	...	...	...	...	...	...	...	...	...		3
	(l) *Carriages, &c.*																			
143	Carriage, Cart, and Palki Makers	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...		
144	Railway Carriage Makers, Fitters, &c.....	2	1	3	6	3	...	...	3	1	2	...	3	...	1	1	2	14		1
	(m) *Harness.*																			
145	Saddle and Harness Makers	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...		
146	Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2
147	Whip and Stick Makers and Sellers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	(n) *Boats and Ships.*																			
148	Boat and Ship Builders	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...		1
149	Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
150	Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
	(o) *Houses and Buildings.*																			
151	House-owners, &c.....	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	1	2		2
152	Architects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
153	Surveyors and Draftsmen	2	1	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...		
154	Builders and Contractors	1	...	...	1	...	...	...	...	...	1	...	1	...	1	1	2	8		
155	Carpenters, Joiners, Sawyers	78	93	64	235	58	21	12	71	15	17	20	52	12	20	21	53	411		
156	Masons and Bricklayers	42	31	24	97	12	6	3	21	11	12	13	36	16	7	9	32	186		
157	Tile Turners	4	2	3	9	1	1	...	2	...	1	...	1	1	...	...	1	13		
158	Plumbers.....	3	1	...	4	1	...	...	1	1	2	...	3	...	3	2	6	13		
159	House and Wall Painters	7	14	10	31	4	1	2	7	2	1	2	5	...	1	3	4	47		
160	Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	(p) *Furniture, &c.*																			
161	Furniture Makers and Dealers and Upholsterers	4	2	...	6	2	3	2	7	1	...	3	4	2	1	2	5	22		
162	Carvers and Gilders	2	1	1	4	...	...	1	1	1	...	...	1	...	...	...	...	6		
163	Undertakers and Carriers of Dead Bodies ...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	2		
164	Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	(q) *Chemicals and Combustibles.*																			
165	Fireworks Makers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
166	Matches Makers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
167	Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
168	Ink, &c., Makers	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...		2

XXXVIII—*continued.*

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—INDUSTRIAL—*contd.*																	
11. Textile Fabrics.																	
(a) *Wool.*																	
169 Blankets and Woollen Makers and Cleaners by Steam	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1
170 Blankets and Woollen Makers and Wool Cleaners by Hand	2	...	...	2	1	...	1	2	...	...	...	...	...	...	...	...	5
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Silk.*																	
174 Silk Workers by Hand	2	2	1	5	...	...	...	...	...	1	...	1	2	...	1	3	9
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
177 Silk Makers	...	...	1	1	...	...	...	...	1	1	3	5	...	1	2	3	9
(c) *Cotton and Flax.*																	
178 Cotton Dyers	19	8	12	39	13	2	3	18	5	3	4	12	1	5	4	10	79
179 Lace Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
181 Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	1	2
182 Cotton Spinners, Cleaners and Weavers by Hand	...	2	2	4	2	...	1	3	2	1	1	4	...	1	2	3	14
183 Mill Managers, Clerks, &c.	5	7	4	16	1	1	...	2	...	4	1	5	2	1	...	3	26
184 Calico Printers	...	...	...	...	1	...	...	1	1	...	...	1	...	...	...	...	2
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	(d) *Miscellaneous Workers.*																		
186	Spinners and Weavers and Factory Workers (unspecified)	90	55	54	199	40	28	22	90	23	26	34	82	25	32	30	87	458	
187	Embroiderers and Brocade, &c., Makers	4	3	4	11	2	4	2	8	2	2	3	7	3	2	3	8	34	
188	Cotton Goods Sellers, Drapers	23	9	5	37	8	5	5	18	5	3	7	15	4	11	5	20	90	
	(e) *Dress.*																		
189	Barbers, Hair Dressers, &c.	24	24	10	58	14	5	2	21	4	8	11	23	6	12	15	33	135	
190	Turban, Cap and Hat Makers	...	...	...	...	1	1	1	3	...	1	...	1	3	...	1	4	8	
191	Turban Folders	...	1	...	1	1	1	1	3	1	...	...	1	...	...	1	1	6	
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	
193	Tailors	53	50	24	127	18	10	10	38	8	18	15	41	12	19	35	66	272	
194	Milliners and Dress Makers	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
196	Shoe and Boot Makers	41	28	20	89	13	6	13	32	14	21	24	59	21	18	31	70	250	
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
198	Umbrella Makers and Sellers	1	...	2	3	...	1	...	1	...	...	...	...	...	...	...	...	...	
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	6		
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(f) *Jute, Tents, Ropes, &c.*																		
201	Workers and Sellers of Jute	4	1	3	8	3	1	1	5	2	...	4	6	...	...	1	1	20	
202	Rope and Cord Makers and Sellers	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
204	Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	12. Foods, Drinks and Stimulants.																		
	(a) *Animal Food.*																		
205	Cow Keepers, Milk Sellers	42	45	20	107	9	5	4	18	11	12	14	37	11	12	7	30	192	
206	Sellers of Ghee, Butter, Cheese	...	...	...	...	2	1	...	3	1	...	...	1	1	...	...	1	5	
207	Butchers, Slaughtermen and Meat Sellers	10	5	6	21	5	1	1	7	6	8	4	18	8	...	5	13	59	
208	Fowl Sellers (Poulterers)	3	1	...	4	...	...	1	1	1	...	...	1	2	...	...	2	8	
209	Fish Salesmen	2	2	1	5	...	...	...	...	1	...	...	1	...	...	1	1	7	
210	Provision Dealers, Bazar Suppliers	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	
	(b) *Vegetable Food.*																		
211	Grain, Pulse and Flour Dealers	38	10	9	57	8	3	2	13	2	6	13	21	7	11	8	26	117	
212	Millers (*Gola*), (Grinders and Huskers of Grain)	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1	2	
213	Grain Parchers (*Bhadbhunjas*)	...	3	1	4	...	3	...	3	...	2	...	2	...	...	2	2	11	
214	Bakers	2	3	2	7	1	2	1	4	3	1	6	10	1	5	1	7	28	
215	Sweetmeat Makers and Sellers and Pastry Cooks	15	9	10	34	3	1	1	5	4	4	6	14	7	5	11	23	76	
216	Fruit and Vegetable Dealers	58	77	51	186	24	3	12	39	9	17	10	36	17	7	23	47	308	

XXXVIII—*continued.*

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—INDUSTRIAL—*contd.*																	
12. Foods, Drinks and Stimulants—*contd.*																	
(c) *Drinks and Stimulants.*	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
217 Brewers	6	2	5	13	3	...	...	3	...	...	2	2	...	1	2	3	21
218 Wine and Spirit Dealers	12	12	7	31	2	1	1	4	6	3	...	...	1	2	1	4	50
219 Distillers and Toddy Drawers	2	4	...	6	...	1	...	1	1	1	...	2	...	...	...	...	9
220 Soda Water, &c., Makers and Dealers	2	...	1	3	1	...	...	1	...	...	...	...	...	...	...	...	4
221 Sugar and *Gol* Makers and Dealers	19	12	10	41	7	3	3	13	4	7	3	14	6	3	9	18	86
222 Grocers, Spice Dealers	5	1	2	8	...	...	...	...	...	2	2	4	2	1	1	4	16
223 Tea Dealers and Tasters	12	4	4	20	1	2	...	3	1	1	2	4	1	1	1	3	30
224 Tobacco and Snuff Manufacturers & Sellers	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
225 Opium, Chundool Sellers, &c	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
226 Bhang, Ganja Sellers	5	7	3	15	1	1	1	3	4	...	1	4	2	9	4	15	37
227 Pán and Betel Sellers	...	...	1	1	...	3	...	3	1	...	...	1	...	...	...	...	6
228 Perfume Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto ditto Vinegar																	
13. Animal Substances.																	
231 Soap Makers and Sellers	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1	2
232 Comb Makers, &c	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	...	...
Leather.																	
235 Hide and Skin Dealers	...	...	...	...	2	1	...	3	...	...	...	...	...	...	1	1	4
236 Tanners and Currriers	1	2	22	25	16	1	1	18	1	1	1	3	...	1	...	1	47
237 Leather Workers and Sellers (not Shoemakers)	1	...	1	2	7	...	...	7	...	...	...	...	...	...	...	...	9

	14. VEGETABLE SUBSTANCES.																	
	(a) *Gums, Oils, &c.*																	
238	Oil Pressers, Oil Cake Makers and Sellers ...	3	6	5	14	4	1	...	5	2	3	2	7	2	2	5	9	35
239	Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Wood, &c.*																	
240	Wood and Timber Dealers.....	7	3	9	19	2	1	...	3	2	...	1	3	...	1	7	8	33
241	Wood Turners (*Kantaras*).....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
242	Lacquer Workers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
243	Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
244	Firewood Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
245	Coopers	1	1	1	3	2	...	1	3	...	1	...	1	...	...	...	...	7
246	Broom Makers	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	1	2
247	Basket and Cane Workers and Sellers	1	...	2	3	...	...	1	1	...	1	2	3	1	1	...	2	9
248	Grass and Forage Dealers	5	1	1	7	2	2	2	6	1	2	3	6	1	...	4	5	24
249	Hay Pressers, &c.....	3	3	2	8	...	1	...	1	...	2	2	4	1	3	1	5	18
250	Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
251	Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Paper.*																	
252	Rag Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
253	Paper Makers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
254	Stationer and Dealers in Paper	6	...	1	7	...	...	...	...	...	...	1	1	2	...	...	2	10
	15. MINERAL SUBSTANCES.																	
	(a) *Omitted.*																	
255	Coal Merchants, Shippers, &c.....	3	7	1	11	...	1	1	2	2	...	...	2	2	1	2	5	20
256	Gas Works Service	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	2
	(b) *Coal.*																	
257	Charcoal Sellers, &c.....	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
258	Cowdung Cake Sellers.....	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	(c) *Stone-clay.*																	
259	Stone Quarrymen (*Beldars, Valdars, &c.*)...	...	1	1	2	...	...	...	...	...	1	...	1	...	...	...	...	3
260	Stone Cutters (*Patharvats, Salats*).	10	10	11	31	5	1	4	10	1	5	3	9	4	5	4	13	63
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*)	...	4	...	4	1	1	...	2	...	1	...	1	...	...	...	...	7
262	Brick, &c., Makers	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1	2
263	Railway Earth Workers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
264	Grindstone Makers and Sellers (*Chaksalis*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(d) *Earthenware.*																	
265	Potters	4	5	6	15	1	...	...	1	...	...	1	1	...	...	3	3	20
266	Hooka Makers and Sellers.....	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	2

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—INDUSTRIAL—*contd.*																	
15. Mineral Substances—*contd.*																	
(e) *Glass.*																	
267 China Glass Dealers	1	...	1	2	...	...	...	...	...	1	...	1	1	...	...	1	4
268 Glass Makers and Sellers	3	...	2	5	1	...	...	1	...	1	3	4	...	1	...	1	14
269 Bangle Makers and Sellers	...	...	1	1	2	...	...	4	3	...	...	3	...	2	1	4	11
270 Bead Makers and Sellers (*Maniaris*)	...	1	...	1	1	...	...	1	...	1	1	2	1	...	...	...	4
(f) *Salt.*																	
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
272 Salt Brokers and Dealers	...	...	2	2	2	...	...	2	1	...	1	2	...	1	...	1	7
(g) *Water.*																	
273 Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274 Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
275 Ice Dealers and Makers	...	...	1	1	...	1	...	1	...	...	...	...	...	...	...	...	2
(h) *Gold, Silver, and Jewellery.*																	
276 Gold and Silver Smiths	23	26	14	63	7	4	5	16	6	6	5	17	8	6	9	23	119
277 Precious Stone Dealers, &c	1	...	1	2	...	...	...	...	...	...	...	...	...	1	1	2	4
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
279 Electroplaters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
280 Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
281 Assayers (*Choksis*), Dealers in Gold, and Sellers	1	2	1	4	...	...	1	1	...	...	1	1	1	1	...	2	8
282 Gold and Silver Lace Makers	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
283 Wire Drawers, &c	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Copper.*																	
285 Coppersmiths	8	10	8	26	1	...	4	5	2	2	2	6	1	2	9	12	49

	(k) *Tin.*																	
286	Tinmen and Tinware Dealers	15	7	2	24	1	1	2	4	...	3	3	6	1	...	2	3	37
	(l) *Brass.*																	
287	Brass Smiths and Dealers in Brass	...	...	...	...	...	...	1	1	1	...	...	1	...	...	...	...	2
288	Locksmiths (*Kunchgars*)	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
289	Gas Fitters	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(m) *Iron and Steel.*																	
291	Blacksmiths	22	11	19	52	7	5	5	17	7	4	4	15	4	5	6	15	99
292	Hardware and Ironmongers	...	3	1	4	...	1	2	3	1	1	1	3	1	2	1	4	14
293	Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	VI.—OTHERS AND UNSPECIFIED.																	
	16. INDEFINITE.																	
	(a) *General Labourers.*																	
294	General Labourers and Coolies	764	710	628	2102	321	201	177	699	260	393	357	1010	322	279	400	1001	4812
295	Mechanics, Artizans (unspecified)	1	1	1	3	1	...	...	1	...	...	...	...	...	...	...	...	4
	(b) *Indefinite.*																	
296	Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
297	Factory Labourers (unspecified)	431	616	350	1397	137	67	46	250	159	234	118	511	120	91	151	362	2520
298	Shopmen, &c. (unspecified)	54	45	4	103	13	19	4	36	11	10	14	35	25	26	42	93	267
299	Contractors, &c. (unspecified)	3	...	4	7	2	...	...	3	1	1	1	3	4	1	4	9	21
300	Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	17. PERSONS OF INDEPENDENT MEANS.																	
301	Living on Property (funded rents, &c.)	13	7	7	27	7	2	4	13	9	9	8	26	7	4	8	19	85
302	Pensioners (unspecified)	19	12	11	42	11	13	10	34	10	10	10	30	9	14	8	31	137
	18. OTHERS.																	
303	Mendicants	225	124	101	450	74	52	54	180	59	87	87	233	89	93	94	276	1139
304	Prisoners	2	6	3	11	...	...	1	1	1	6	...	7	...	...	...	...	19
305	Prostitutes and Pimps	6	5	6	17	2	3	3	8	8	5	3	16	2	2	4	8	49
306	Others	24	19	11	54	10	4	4	18	3	2	3	8	6	6	2	14	94
307	Males following no occupation	398	396	336	1130	267	162	129	558	133	195	221	549	228	190	248	666	2903
308	Females do. do.	1533	1291	1075	3899	745	517	406	1668	503	673	680	1856	632	560	722	1914	9337
309	Children, Males	1097	954	779	2830	650	540	569	1759	777	913	797	2487	722	613	694	2029	9105
310	Do. Females	1085	933	731	2749	601	488	555	1644	720	942	725	2387	705	563	616	1882	8662
	GRAND TOTAL	7627	6928	5419	19974	3618	2433	2326	8377	3112	4076	3616	10804	3389	2984	3736	10109	49264

DEATHS in different OCCUPATIONS in different LOCALITIES

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS I.—PROFESSIONAL.												
1. General Government.												
(a) *Imperial.*												
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	...	...	...	3	1	2	...	2	6	3	6	4
(b) *Local and Municipal Government.*												
4 Persons employed under Municipal and Local Bodies (including Police)	5	7	...	4	10	4	1	13	12	3	7	...
(c) *Foreign Governments and Native States.*												
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...
2. Defence.												
(a) *Army.*												
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	...	...	...
8 Soldiers	9	1	...	...	7	...	...	...	...	...	2	...
9 Army Pensioners, &c.	...	...	...	...	...	1	...	...	...	...	5	...
(b) *Navy.*												
10 Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.												
(a) *Ecclesiastical.*												
13 Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	1	1	...	8	...	1	2	4	1	4	5	1
14 Missionaries	...	...	...	...	...	...	...	...	...	...	...	6
15 Devotees, Bhikshuks, Fakirs, &c.	...	...	...	5	...	11	9	4	...	8	1	...
16 Servants and Officers of Religious Institutions.	...	...	...	...	...	...	1	...	...	1	...	...
(b) *Law.*												
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	1	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	...	...	...	...	...	...	...	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	1	...	...	...	...

IX.

in the CITY of BOMBAY for the year beginning 1st January 1897.

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	3	5	7	3	...	...	5	1	3	1	4	2	...	1	...	...	2	1	...	10	75
2	1	23	11	10	2	6	8	15	9	8	22	22	21	8	16	...	5	14	3	...	32	304
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	10	32
...	1	...	...	...	...	...	1	3	...	1	2	...	1	...	3	...	...	1	4	...	...	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	2	...	1	2	...	...	1	1	3	3	1	1	...	...	1	...	...	...	...	...	5	52
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
16	8	1	3	4	1	2	5	8	1	8	8	1	3	1	1	...	1	3	...	2	15	130
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS I.—PROFESSIONAL—*contd.*												
3. Learned Professions, &c.—*contd.*												
(c) *Medical.*												
21 Physicians and Surgeons (*Licensed*)	...	...	...	1	...	2	...	...	...	...	1	...
22 Medical Assistants, &c.	...	...	...	...	2	...	...	...	...	1	1	...
23 Vaids, Hakims, and Unlicensed Practitioners	...	...	...	1	...	...	1	3	...	1	1	...
24 Dentists	...	...	...	1	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	...	1	...	1	2	...	...	1	...	...
26 Midwives and Nurses	...	3	1	4	...	2	...	...	...	...	8	1
(d) *Literature, &c.*												
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Artists, &c.*												
30 Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...	...
31 Sculptors	...	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	...	...	...	...	...	...	...	1	3	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*												
34 Music Masters and Players	...	1	...	...	...	...	...	3	...	...	...	...
(g) *Actors, &c.*												
35 Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...
36 Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...
37 Dancers, Naykins, &c.	...	...	...	...	...	...	...	...	...	...	...	...
38 Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
40 Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...
(h) *Teachers, &c.*												
41 School Masters, Mistresses	...	...	..	3	...	...	1	2	1	...	3	3
42 Professors, Teachers, &c.	...	...	...	1	...	1	3	3	...	1	1	...
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*												
44 Civil Engineers	...	...	...	1	...	...	...	...	1	...	...	...
45 Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.												
4. Omitted.												
46 Hotel and Inn Keepers	...	...	...	1	...	...	...	...	...	1	...	...

IX—*continued.*

C			D					E							F			G			
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	9
2	...	1	1	1	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	2	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	1	...	1	4	1	...	2	3	1	...	2	3	7	...	1	...	...	2	...	...	18	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	6
1	1	...	3	3	...	...	...	1	...	2	1	1	1	1	1	...	1	...	...	...	3	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	1	1	3	...	...	1	...	1	...	...	...	2	...	...	...	...	1	...	...	2	23
...	...	...	2	1	...	...	...	...	...	3	1	1	1	...	1	...	2	1	...	...	4	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	2	1	...	...	...	...	...	1	...	...	...	1	1	...	1	1	...	...	1	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS II.—DOMESTIC—*contd.*												
5. Entertainers, &c.												
(a) *Board and Lodging.*												
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Domestic.*												
52 Indoor Servants	9	11	2	43	4	15	14	14	1	18	91	11
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	3	13	1	5	...	3	4	12	8	20	11	2
55 Bhistis (Water-carriers)	1	...	...	...	...	...	...	7	...	3	3	2
56 Sweepers (of houses, &c.)	...	...	...	1	...	...	...	...	...	...	...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	2	6	...	28	1	66	27	54	28	54	34	16
CLASS III.—COMMERCIAL.												
6. Mercantile.												
(a) *Merchants, &c.*												
60 General Merchants	1	2	...	6	1	32	12	15	3	8	8	3
61 Merchants in Cotton	...	...	...	...	...	6	...	...	...	...	...	...
62 Merchants in other Special Goods	...	...	...	...	...	...	...	...	...	...	...	...
63 Bankers	...	2	...	1	...	2	1	1	2	...	4	...
64 Money-lenders	...	...	...	...	...	2	...	1	1	...	...	...
65 Service in Banks	...	...	...	...	...	...	1	...	...	...	2	1
66 Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...
67 Commercial Agents, Brokers, &c.	...	...	...	28	1	86	10	4	1	13	11	3
68 Salesmen, Bill Collectors, &c.	...	...	...	1	...	2	...	1	1	...	...	1
69 Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	1	...	...
70 Accountants, Auditors	...	1	...	...	...	...	...	...	...	...	...	...
71 Commercial Clerks, &c.	1	7	...	39	...	34	19	11	7	33	47	36
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Other General Dealers.*												
76 General Dealers and Shopkeepers (*unspecified*)	1	1	...	...	...	3	...	1	1	1	...	1
77 Itinerant Retailers	...	...	...	...	...	6	31	37	4	4	4	1
78 Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	11	6	9	22	1	7	11	26	6	4	10	13	24	2	10	...	2	11	6	...	86	519
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	1	10	6	2	2	17	22	8	5	3	26	20	61	1	19	1	10	14	9	...	13	337
2	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	30
...	1	...	3	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	5	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	20	19	18	31	6	4	8	18	8	15	21	19	24	8	26	1	2	12	8	...	121	759
5	2	2	4	7	1	1	...	4	2	3	5	1	5	...	3	...	5	15	1	1	25	183
2	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	2	...	...	1	...	...	...	1	1	...	2	...	1	...	...	...	...	...	...	...	7	33
1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	8
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	2	...	3	2	3	1	2	1	...	3	1	1	2	...	2	...	1	...	...	...	17	177
...	...	1	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...	...	1	...	2	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5
46	5	15	10	67	7	...	6	16	3	4	11	4	13	2	18	1	10	26	2	...	39	539
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	2	3	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	1	...	...	3	23
9	17	5	7	1	1	...	...	2	...	12	7	2	5	4	2	...	1	...	...	...	5	167
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS III.—COMMERCIAL—*contd.*												
7. Carriers.												
(a) *On Railways.*												
79 Drivers, Stokers (*Agwallahs*)	2	...	...	1	...	4	1	16	2	1	2	...
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	...	...	...	...	...	...	...
81 Guards, Signalmen, Porters, Police	...	1	...	4	1	1	...	...	...	3	3	1
82 Agents, Managers, Office Service	...	...	1	...	...	...	...	...	...	...	...	...
(b) *On Roads.*												
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	1	4	...	1	...	...	...	...	...	1	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigrumwallahs, &c.*)	...	6	1	5	..	4	7	22	2	3	9	2
(c) *Omitted.*												
85 Cart Owners and Drivers (*Gadawallahs*)	1	15	...	8	8	23	4	14	33	6	13	5
86 Carriers on Pack Animals (*Wanjaras, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*												
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	5	...	...	...
88 Steam Navigation Service	...	...	...	...	...	...	...	...	...	...	...	...
89 Seamen (not Government)	...	3	1	8	...	7	4	30	4	5	3	...
90 Pilots	...	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	...	...	...	2	...	1	...	...	...	...
92 Dock and Harbour Officials	...	1	...	...	...	...	...	...	...	...	...	...
93 Dock Labourers	...	...	...	1	...	2	...	2	3	...	...	...
94 Shipping Surveyors and Agents	...	...	...	2	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	2	...	...	...	...	...	...	1	...
(e) *Storage, &c.*												
96 Warehousemen and Storekeepers	1	...	...	...	...	...	...	1	...	1	1	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	..	...	...	...	...	...	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*												
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	...	2	...	5	3	... 8	5	15	5	22	22	20

IX —*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
4	8	2	2	...	2	...	...	2	...	22	3	1	5	...	4	...	1	1	4	1	6	97
...	...	...	1	2	...	...	...	1	...	...	...	...	1	...	...	...	1	2	1	...	2	11
1	...	1	3	4	1	1	...	7	...	...	6	4	13	...	6	...	1	2	10	...	15	89
...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	1	6
...	...	2	1	...	...	...	...	...	...	...	...	1	2	...	1	...	...	...	...	...	3	17
3	6	7	5	3	3	10	14	2	2	6	7	6	10	1	3	1	1	2	1	...	25	179
1	6	12	30	8	1	2	...	35	9	10	20	28	13	7	18	6	12	17	9	1	23	398
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	1	...	...	...	...	...	4	...	...	...	...	1	...	1	...	...	...	...	3	2	30
11	15	3	2	...	...	...	...	10	...	12	3	1	2	...	...	1	...	1	...	37	21	184
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	7
...	...	1	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	1	3
...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	6
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	8	1	9	1	22	365
9	7	10	11	21	6	5	16	15	8	9	9	16	6	2								

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	Upper.	Middle and Lower.										
	1	2	3	4	5	1	2	3	4	1	2	3
IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.												
8. Agriculture and Pasture, &c.												
(a) *Cultivation and Grazing.*												
101 Occupants and Tenants of Land and Cultivators	5	2	...	1	1	1	3	3	4	3	1	1
102 Occupants and Tenants of Land, but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*												
106 Gardeners (*Mali* and *Kachia*)	1	..	...	...	1	2	...	...	1	1	...	2
107 Growers and Sellers of Flowers and Garlands.	...	...	...	...	...	...	...	...	...	1	...	...
9. Animals.												
108 Horse Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
109 Jockey Grooms (not domestic service)	1	7	...	8	...	7	2	11	4	2	10	3
110 Veterinary Surgeons, Farriers	...	1	...	...	...	...	...	...	...	...	...	..
111 Horse Shoers (*Nalband*)	1	...	..	...	...	...	1	1	...	...	...	1
112 Cattle and Sheep Breeders (*Dhangar, &c.—Wanjari*)	...	...	...	...	...	..	...	2	...	...	1	...
Fishers.												
113 Fishermen, &c	...	7	...	2	..	20	...	3	1	1	3	..
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
115 Leech Deale	...	...	...	...	...	...	...	...	...	...	...	...
V.—INDUSTRIAL.												
10. Art and Mechanical Productions.												
(a) *Books.*												
116 Booksellers, Publishers	...	...	...	...	1	...	...	...	1	...	1	...	1
117 Bookbinders	...	...	...	...	...	...	2	1	2	...	1	1	1
118 Printers by Steam, Compositors, &c.	..	2	...	5	...	7	...	12	8	7	19	8
119 Newspaper Proprietors, &c.	...	...	...	...	...	...	...	...	...	...	...	...
120 Ditto Agents	...	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	1	...	...	...	...
(b) *Musical Instruments.*												
122 Makers, Tuners, &c., of Musical Instruments.	...	...	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	..	..	...	..	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
1	1	2	4	6	...	...	3	...	...	...	1	2	3	...	4	4	43	5	8	...	8	120
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	5	4	3	15	8	6	10	...	2	11	14	...	18	6	14	23	4	...	19	170
...	...	1	...	...	...	1	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	1	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	4
5	2	2	7	4	2	11	1	4	6	4	6	7	27	...	6	...	3	...	...	36	188	
..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	1	...	...	...	...	1	...	...	...	1	..	...	1	1	...	...	...	...	...	...	...	9
...	...	1	...	...	...	...	1	...	...	...	...	1	4	1	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	7	...	...	2	...	2	...	...	22	28	33	55	...	5	191	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	1	...	...	2	...	...	...	...	3	...	1	...	1	...	1	...	...	1	...	...	3	10
1	...	1	...	2	...	...	...	...	5	11	2	12	1	3	...	...	3	...	...	9	161	21
3	1	13	...	20	2	...	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(c) *Prints, Pictures.*												
124 Lithographers	...	...	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*												
126 Wood Carvers	...	...	...	...	...	...	...	...	...	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	...	...	...	...	...	1	...
(e) *Toys, &c.*												
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	1	...	...	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*												
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c	...	...	...	...	...	...	...	1	...	1	...	...
(g) *Watches, &c.*												
134 Watch and Clock Makers	...	...	...	3	...	...	1	...	...	...	...	...
(h) *Omitted.*												
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*												
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	..	...	1	1	1	...	...	1	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*												
139 Engine Makers (Fitters, &c.)	...	...	...	6	2	2	3	13	22	3	18	2
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	...	2	...	...	...	...	...
(l) *Carriages, &c.*												
143 Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	...	...	...	...	...	...	1
(m) *Harness.*												
145 Saddle and Harnes Makers	...	...	...	...	...	...	...	...	...	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	1	...	...	...

X—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
...	...	2	...	...	...	...	...	4	...	...	7	1	2	...	3	...	...	...	...	...	1	21
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	2
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3
...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	1	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	6	6	9	6	1	...	1	14	1	16	13	3	9	5	14	1	10	20	12	...	14	236
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	1	...	...	...	1	4	...	1	1	1	...	...	2	...	14
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(n) *Boats and Ships.*												
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*												
151 House-owners, &c.	...	...	...	...	...	...	1	1	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	1	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	1	5	...	12	...	6	25	24	12	7	22	2
156 Masons and Bricklayers	1	...	...	...	...	1	1	9	6	4	4	2
157 Tile Turners	...	...	...	...	...	...	...	...	...	...	3	...
158 Plumbers	...	...	...	...	...	...	...	...	1	...	1	...
159 House and Wall Painters	...	...	...	...	...	...	...	1	...	2	6	1
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*												
161 Furniture Makers and Dealers and Upholsterers	...	...	...	1	...	2	5	6	...	1	...	...
162 Carvers and Gilders	...	...	...	...	...	...	1	2	...	2	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	...	...	...	1	...
164 Curio-ity Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*												
165 Fireworks Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	...	1	...	1	...
11. Textile Fabrics.												
(a) *Wool.*												
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	1	1	...	...	1	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	1	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	2	8
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
22	5	25	11	19	4	...	...	44	1	6	15	6	10	5	24	3	7	43	17	...	28	411
12	9	15	4	5	...	1	1	2	...	2	63	4	5	1	9	...	4	8	1	...	12	186
...	...	3	1	4	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	13
1	2	1	...	1	...	...	...	...	...	1	4	...	...	...	...	...	...	1	...	...	...	13
1	2	4	...	1	...	...	...	4	...	1	3	1	1	...	2	...	4	4	4	...	5	47
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	22
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	5	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

XXX

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
11. Textile Fabrics—*contd.*												
(b) *Silk.*												
174 Silk Workers by Hand	...	...	...	...	...	...	...	...	...	1	...	...
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	...	...	...	...	...	...	...	...	...	...
177 Silk Makers	...	...	...	...	...	...	1	2	1	...	...	...
(c) *Cotton and Flax.*												
178 Cotton Dyers	...	...	...	...	...	2	2	1	1	2	...	1
179 Lace Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	...	...	...	...	...	1	...	...	
182 Cotton Spinners, Cleaners and Weavers by Hand	...	1	...	...	...	...	3	1	...	...	...	...
183 Mill Managers, Clerks, &c.	...	2	...	...	...	...	...	...	...	...	1	...
184 Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*												
186 Spinners and Weavers and Factory Workers (unspecified)	...	...	...	...	...	2	3	35	5	...	...	...
187 Embroiderers and Brocade, &c., Makers	...	...	...	...	...	1	4	12	...	...	...	...
188 Cotton Goods Sellers, Drapers	...	...	...	3	...	3	15	4	1	25	3	1
(e) *Dress.*												
189 Barbers, Hair Dressers, &c.	...	3	...	...	...	1	1	10	11	2	5	...
190 Turban, Cap and Hat Makers	...	...	...	1	...	...	...	2	...	...	...	1
191 Turban Folders	...	...	...	1	...	1	...	1	...	...	1	...
192 Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...
193 Tailors	1	1	1	5	...	19	24	26	4	9	22	5
194 Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...
195 Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...
196 Shoe and Boot Makers	...	...	...	1	...	3	5	13	2	3	24	...
197 Button Makers	...	...	...	...	...	...	...	...	...	...	...	...
198 Umbrella Makers and Sellers	...	...	...	...	...	...	...	2	...	1	...	...
199 Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Jute, Tents, Ropes, &c.*												
201 Workers and Sellers of Jute	...	...	...	...	...	10	2	2	1	...	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
203 Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	12			
3	1	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
22	6	1	...	1	...	...	...	5	2	2	3	1	4	...	2	3	14	2	3	...	...	79
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	14
4	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	5	...	...	1	26
1	1	...	...	1	...	...	3	1	...	...	2	...	2	1	4	...	...	...	...	...	...	2
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	20	2	15	...	...	...	...	2	1	60	68	38	176	3	2	...	...	10	...	...	14	458
3	9	...	...	1	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	34
9	3	7	...	...	...	1	...	...	...	1	4	1	5	...	1	...	1	...	...	...	2	40
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	2	5	24	...	1	1	...	4	...	6	13	5	11	2	3	1	3	2	1	...	16	135
...	1	...	...	1	...	...	...	...	...	1	...	...	2	...	...	...	...	1	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4	1	...	22	273
...	...	...	...	...	...	2	7	1	6	21	2	31	1	2	...	...	...	...	...	...	1	1
8	11	23	9	11	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	43	14	1	3	...	...	...	...	36	32	4	18	...	6	1	11	1	8	...	...	8	250
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6
...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	20	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
12. Foods, Drinks and Stimulants.												
(a) *Animal Food.*												
205 Cow Keepers, Milk Sellers	...	6	...	5	1	2	2	6	...	10	30	7
206 Sellers of Ghee, Butter, Cheese	...	...	...	...	...	3	...	...	...	1	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	...	...	...	7	9	9	...	...	...	...
208 Fowl Sellers (Poulterers)	...	...	...	...	...	...	...	5	...	...	1	...
209 Fish Salesmen	...	...	..	...	...	...	1	...	...	...	...	...
210 Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	2	...	..	...	...
(b) *Vegetable Food.*												
211 Grain, Pulse and Flour Dealers	...	4	...	...	...	25	3	3	6	1	6	...
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	...	1	...	1	...	...	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	1	...	5	...	...	...	...
214 Bakers	...	...	...	1	...	...	4	6	...	...	...	...
215 Sweetmeat Makers & Sellers & Pastry Cooks	..	2	...	6	...	6	...	11	2	2	1	3
216 Fruit and Vegetable Dealers	...	...	...	...	...	38	11	12	14	12	9	2
(c) *Drinks and Stimulants.*												
217 Brewers	...	...	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	...	1	...	1	...	2	...	...	1	...	3	...
219 Distillers and Toddy Drawers	...	...	...	...	...	...	...	4	...	...	4	...
220 Soda Water, &c., Makers and Dealers	...	...	...	1	...	...	1	2	...	...	...	...
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	...	1	2	...	...	...	...
222 Grocers, Spice Dealers	...	1	...	4	...	10	4	9	2	5	4	1
223 Tea Dealers and Tasters	...	...	...	...	...	...	...	2	2	...	...	...
224 Tobacco and Snuff Manufacturers and Sellers	...	...	...	...	...	2	...	6	1	2	...	P
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...
227 Pán and Betel Sellers	...	...	...	3	...	2	1	5	...	1	1	1
228 Perfume Makers and Dealers	...	...	...	...	...	...	2	1	1	...	...	...
229 Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.												
231 Soap Makers and Sellers	...	...	...	...	...	1	...	...	...	..	...	...
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	1	1	...	...	...	...
Leather.												
235 Hide and Skin Dealers	...	...	...	...	...	...	...	...	...	...	...	...
236 Tanners and Curriers	...	...	...	...	...	...	...	...	...	...	...	...
237 Leather Workers & Sellers (not Shoemakers)	...	...	...	...	...	...	...	...	...	...	...	...

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
																					10	192
9	3	3	11	1	1	2	5	5	3	7	13	5	13	23	4	...	...	4	1	...	...	5
1	...	...	...	...	...	...	...	...	...	...	5	...	4	...	...	...	...	1	...	...	3	59
1	16	...	1	...	...	...	...	...	...	2	...	...	1	...	1	...	...	...	...	...	...	8
...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	1	...	...	1	1	...	...	7
...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	117
3	9	5	3	...	...	...	1	3	...	...	10	1	5	...	8	...	4	3	1	...	...	2
...	1	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	1	...	...	...	3	11
...	3	...	2	1	...	...	...	2	1	2	2	3	6	1	4	...	...	2	1	...	3	28
4	5	3	2	2	...	...	...	2	1	4	3	2	54	5	23	1	6	4	8	...	6	76
3	9	10	11	9	6	4	13	9	14	4	9	2	54	5	23	1	6	4	8	...	6	308
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	2	21
1	...	1	2	1	...	...	...	3	1	1	1	1	2	...	2	2	2	17	1	...	5	50
...	...	...	2	1	1	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	1	9
...	1	...	1	...	...	...	...	...	...	3	...	...	4	3	2	...	1	...	2	...	6	4
1	...	2	1	...	1	...	...	3	...	4	6	...	1	...	1	1	...	1	1	...	1	86
3	4	2	1	4	...	...	...	1	...	3	5	...	...	...	...	...	...	...	...	...	...	16
1	1	2	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	30
...	...	...	...	...	...	...	...	...	...	2	4	2	1	...	...	...	...	...	...	...	...	...
...	1	2	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37
1	...	1	1	1	...	...	...	...	...	2	4	2	1	...	...	...	...	...	...	...	...	6
1	4	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4
...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	31	2	...	...	13	47
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	4	...	...	...	5	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
	1	2	3	4	5	1	2	3	4	1	2	3
CLASS V.—INDUSTRIAL—*contd.*												
14. Vegetable Substances.												
(a) *Gums, Oils, &c.*												
238 Oil Pressers, Oil Cake Makers and Sellers	...	...	...	...	...	...	...	6	1	..	...	1
239 Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Wood, &c.*												
240 Wood and Timber Dealers	...	...	...	2	..	4	9	5	...	...	...	...
241 Wood Turners (*Kantaras*)	...	...	...	...	...	1	...	...	...	...	...	...
242 Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...	...
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...
244 Firewood Sellers	...	...	...	...	...	...	...	4	...	...	...	...
245 Coopers	..	...	...	1	...	...	...	...	...	1	...	...
246 Broom Makers	...	...	...	...	...	...	...	...	1	...	...	...
247 Basket and Cane Workers and Sellers	...	...	...	...	...	...	6	10	...	1	...	...
248 Grass and Forage Dealers	..	...	...	...	...	...	1	...	4	...	...	...
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	..	...	...
(c) *Paper.*												
252 Rag Dealers	...	...	..	..	...	...	..	...	...	..	..	...
253 Paper Makers	...	...	...	...	...	...	...	...	...	...	...	...
254 Stationers and Dealers in Paper	...	...	...	...	..	...	...	2	1	...	...	...
15. Mineral Substances.												
(a) *Omitted.*												
255 Coal Merchants, Shippers, &c	...	...	...	...	...	1	...	2	...	...	1	...
256 Gas Works Service	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Coal.*												
257 Charcoal Sellers, &c	...	...	...	...	...	...	2	...	...	...	...	...
258 Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...	...
(c) *Stone-clay.*												
259 Stone Quarrymen (*Beldars, Valdars, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
260 Stone Cutters (*Patharvats, Salats*)	...	...	...	...	...	...	...	6	7	1	1	...
261 Lime Makers and Sellers (*Lonaris, Chunaras, &c.*)	...	...	...	...	...	...	4	1	1	...	...	...
262 Brick, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...	...	...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...	...

IX--*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Turdeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
7	8	2	...	...	...	...	...	3	...	...	1	...	2	...	...	...	...	1	1	...	2	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
3	1	...	...	...	...	...	...	3	1	...	...	1	1	1	...	...	..	1	...	...	1	33
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	7
1	...	...	...	...	...	...	...	...	...	3	...	4	...	1	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	1	24
1	3	...	...	...	...	1	...	...	...	3	2	2	1	...	...	...	...	...	...	...	...	18
...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	...	...	1	...	...	...	...	2	1	...	...	...	...	...	1	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3	1	4	...	...	...	...	2	1	1	...	...	1	...	...	1	1	...	1	...	...	20
...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	6	2	...	12	10	7	1	...	...	...	...	...	1	...	63
1	1	...	1	1	...	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B							
	Colaba.												
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.	
	1	2	3	4	5	1	2	3	4	1	2	3	
CLASS V.—INDUSTRIAL—*contd.*													
15. Mineral Substances—*contd.*													
(d) *Earthenware.*													
265 Potters	...	...	...	...	...	...	...	...	...	...	...	...	
266 Hooka Makers and Sellers	...	...	...	...	...	...	...	1	...	...	...	...	
(e) *Glass.*													
267 China Glass Dealers	...	...	...	...	...	...	1	3	...	...	...	...	
268 Glass Makers and Sellers	...	...	...	...	...	1	4	2	...	...	...	...	
269 Bangle Makers and Sellers	...	...	...	...	...	...	1	3	...	...	...	...	
270 Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	1	...	1	...	...	...	
(f) *Salt.*													
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	
272 Salt Brokers and Dealers	...	...	...	...	...	...	3	1	...	...	...	...	
(g) *Water.*													
273 Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	
274 Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	
275 Ice Dealers and Makers	...	...	...	...	...	...	1	...	...	...	...	...	
(h) *Gold, Silver, and Jewellery.*													
276 Gold and Silversmiths	...	...	...	...	...	8	2	3	2	11	15	8	
277 Precious Stone Dealers, &c.	...	...	...	...	...	1	1	...	...	2	...	...	
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...	
279 Electroplaters	...	...	...	...	...	...	...	...	...	...	...	...	
280 Plate Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	
281 Assayers (*Choksis*), Dealers in Gold and Sellers	...	...	...	...	...	...	...	1	...	2	1	1	
282 Gold and Silver Lace Makers	...	...	...	...	...	...	...	1	...	...	...	...	
283 Wire Drawers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	...	...	
(i) *Copper.*													
285 Coppersmiths	...	...	...	...	...	...	...	4	1	4	...	4	
(k) *Tin.*													
286 Tinmen and Tinware Dealers	...	...	...	1	1	1	3	4	1	1	1	...	
(l) *Brass.*													
287 Brass Smiths and Dealers in Brass	...	...	...	...	...	...	...	...	...	...	...	...	
288 Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	1	...	...	...	...	
289 Gas Fitters	...	...	...	1	...	...	...	...	...	...	...	...	
290 Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	

IX—*continued.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	TOTAL.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	2	...	3	8	3	...	1	20
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	1	2	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	14
...	1	...	...	2	...	...	...	1	...	...	1	...	...	1	...	1	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
5	...	8	3	18	...	...	1	1	...	...	6	...	10	3	1	...	1	6	1	...	6	119
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	8
...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	20	1	2	...	...	...	1	...	1	2	1	...	...	...	...	...	5	...	...	2	49
4	6	1	1	2	...	...	...	...	...	5	2	...	1	...	1	...	...	...	...	...	1	37
...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	A					B						
		Colaba.											
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chukla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.
		1	2	3	4	5	1	2	3	4	1	2	3
	CLASS V.—INDUSTRIAL—*concld.*												
	15. Mineral Substances—*concld.*												
	(m) *Iron and Steel.*												
291	Blacksmiths	...	1	...	1	...	2	11	6	3	6	3	...
292	Hardware and Iron Mongers	...	...	...	1	...	4	...	2	...	...	...	...
293	Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
	VI.—OTHERS AND UNSPECIFIED.												
	16. Indefinite.												
	(a) *General Labourers.*												
294	General Labourers and Coolies	9	124	5	75	32	274	46	220	362	101	178	84
295	Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	..	...	...	...	...
296	Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Indefinite.*												
297	Factory Labourers (unspecified)	1	43	1	5	3	7	2	25	34	4	22	2
298	Shopmen, &c. (unspecified)	...	1	...	9	...	17	14	21	6	14	6	4
299	Contractors, &c. (unspecified)	...	...	...	1	...	2	2	1	1	1	1	...
300	Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
	17. Persons of Independent Means.												
301	Living on Property (funded rents, &c.)	...	3	1	2	..	8	11	8	1	9	6	1
302	Pensioners (unspecified)	...	4	...	5	1	...	...	4	3	3	12	3
	18. Others.												
303	Mendicants	12	11	1	17	11	26	50	78	23	22	37	20
304	Prisoners	...	...	...	..	...	...	...	11	...	...	...	...
305	Prostitutes and Pimps	...	1	...	1	...	...	2	...	...	1	4	6
306	Others	1	3	...	...	...	1	2	5	1	...	8	5
307	Males following no occupation	18	28	2	96	9	98	106	170	76	84	122	40
308	Females do. do.	24	96	7	278	19	416	429	820	308	256	365	155
309	Children, Males	30	135	7	203	36	389	383	661	464	226	348	111
310	Do. Females	37	101	5	201	21	368	349	654	444	190	317	124
	Grand Total ...	181	684	37	1195	177	2105	1756	3342	1990	1277	1971	736

IX—*concluded.*

C			D					E							F			G				
Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Water Division.	Non-Resident and Unknown.	Total.
4	5	6	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	1	2			
3	3	9	1	3	...	...	...	3	1	1	4	...	14	3	13	1	...	1	2	...	4	99
...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	14
...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...
73	94	306	152	117	19	25	43	199	94	119	437	197	315	87	223	58	97	142	94	2	409	4812
...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	1	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
3	14	37	43	38	14	11	76	154	133	32	103	131	344	24	490	35	91	129	243	2	204	2520
11	31	8	5	7	2	2	2	...	1	3	14	...	7	4	13	3	4	4	5	...	49	267
...	2	1	...	...	...	2	...	2	1	...	...	...	...	2	1	...	...	1	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
11	1	3	1	1	1	...	...	...	...	4	3	...	2	1	1	...	1	...	3	...	2	85
2	3	4	3	14	3	1	3	9	...	2	7	3	10	2	10	...	1	6	3	...	4	137
77	35	52	38	25	4	27	23	19	10	55	91	35	54	7	31	3	17	39	6	...	183	1139
...	...	...	...	...	...	...	...	...	...	..	...	...	8	...	..	...	...	...	...	...	...	19
1	4	2	3	10	1	...	...	...	...	1	4	...	1	..	1	...	...	1	...	...	...	49
2	...	3	3	2	...	1	...	6	3	3	6	2	3	...	3	1	2	1	...	1	26	94
137	135	108	68	83	25	25	34	115	56	153	126	73	168	32	121	25	60	87	56	6	361	2903
414	431	361	252	284	76	54	87	355	138	534	527	215	644	96	335	86	256	374	205	3	437	9337
285	333	353	264	242	44	56	89	420	211	386	502	315	881	151	480	78	228	285	250	5	264	9103
250	359	344	250	186	40	54	93	402	213	382	550	314	797	154	466	62	254	232	236	4	209	8662
1681	1805	1930	1387	1868	297	355	593	2035	988	2020	2918	1544	3948	673	2615	413	1279	1666	1320	72	3006	49264

STILL-BORN in different RACES and CASTES, arranged in Quarters, for the Year beginning 1st January 1897.

	MALES.																FEMALES.																PERSONS.																
	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Mussulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Mussulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, Low-Caste.	Mussulman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	
January	2	2	..	..	16	8	17	2	..	3	2	1	..	..	4	57	..	1	..	..	20	6	14	4	..	3	..	2	1	..	1	52	2	3	..	..	36	14	31	6	..	6	2	3	1	..	5	109	January.
February	..	1	..	..	23	5	10	..	..	1	..	..	..	..	1	41	..	1	..	..	8	4	10	2	..	1	..	..	..	..	1	27	..	2	..	..	31	9	20	2	..	2	..	..	..	..	2	68	February.
March	..	2	..	..	18	6	21	4	1	1	..	1	..	..	..	52	..	1	..	..	14	1	11	1	1	..	..	1	..	..	1	31	..	3	..	..	30	7	32	5	2	1	..	2	..	..	1	83	March.
Quarter 1st.	2	5	..	..	55	19	48	6	1	5	2	2	..	..	5	150	..	3	..	..	42	11	35	7	1	4	..	3	1	..	3	110	2	8	..	..	97	30	83	13	2	9	2	5	1	..	8	260	Quarter 1st.
April	2	1	..	..	17	5	20	4	..	2	..	..	..	..	1	52	2	..	..	..	17	5	9	3	..	1	..	..	..	..	1	38	4	1	..	..	34	10	29	7	..	3	..	..	..	..	2	90	April.
May	1	2	..	..	26	6	8	4	1	4	..	1	..	..	1	54	1	1	..	..	9	4	4	2	1	..	..	..	..	..	1	26	1	3	..	..	35	10	12	6	3	5	..	1	..	..	2	80	May.
June	1	2	..	..	23	12	21	3	1	4	..	1	..	..	2	69	..	..	..	1	12	9	14	7	..	2	..	..	..	..	4	49	1	2	..	1	54	21	35	10	1	6	..	1	..	..	6	118	June.
Quarter 2nd.	4	5	..	..	66	23	49	11	2	10	..	2	..	..	4	175	3	1	..	1	38	18	27	14	2	4	..	..	..	..	6	113	6	6	..	1	103	41	76	23	4	14	..	2	..	..	10	288	Quarter 2nd.
July	..	1	..	..	28	5	15	6	1	3	..	..	..	..	2	61	1	1	..	1	23	7	18	3	3	1	..	..	..	..	4	62	1	2	..	1	51	12	33	9	4	4	..	..	..	..	6	123	July.
August	2	3	..	1	33	10	19	5	2	3	2	2	..	..	..	82	3	..	..	..	28	13	15	7	1	2	..	1	..	..	..	70	5	3	..	1	61	23	34	12	3	5	2	3	..	..	..	152	August.
September	2	1	..	2	35	11	22	5	2	..	2	1	..	..	3	86	2	2	..	..	24	9	9	2	1	1	..	..	..	..	4	54	4	3	..	2	59	20	31	7	3	1	2	1	..	..	7	140	September.
Quarter 3rd.	4	5	..	3	96	26	56	16	5	6	4	3	..	..	5	229	6	3	..	1	75	29	42	12	5	4	..	1	..	..	8	186	10	8	..	4	171	55	98	28	10	10	4	4	..	..	13	415	Quarter 3rd.
October	4	3	..	2	35	11	18	2	4	6	..	..	..	..	1	86	3	1	..	2	36	7	7	2	..	..	..	1	..	..	5	54	7	4	..	4	61	18	25	4	4	6	..	1	..	..	6	140	October.
November	2	4	..	..	38	9	25	3	2	4	..	..	..	..	2	85	1	1	..	..	30	8	13	..	..	1	..	..	..	..	4	58	3	5	..	..	68	17	27	3	2	5	..	..	..	..	4	144	November.
December	2	3	..	..	29	9	15	9	1	1	..	..	..	..	..	69	2	..	1	..	16	7	18	4	1	..	..	..	..	..	3	52	4	3	1	..	45	16	33	13	2	1	..	..	..	..	3	121	December.
Quarter 4th.	8	10	..	2	102	29	58	14	7	11	..	..	..	..	3	244	6	2	1	2	72	22	37	6	1	1	..	1	..	..	10	161	14	12	1	4	174	51	95	20	8	12	..	1	..	..	13	405	Quarter 4th.
Year.	18	25	..	5	318	97	211	47	16	32	6	7	..	..	17	798	14	9	1	4	227	80	141	39	9	13	..	5	1	..	27	570	32	34	1	9	545	177	352	88	24	45	6	12	1	..	44	1368	Year.

Jains. Brahmins. Lingaets. Bhatias. Hindus of other Castes. Hindus, Low-Caste. Mussulman. Parsees. Jews. Native Christians. Eurasians. Europeans. Negro-Africans. Buddhists. Other and Unknown Races and Castes. All Races.
MALES. FEMALES. PERSONS.

STILL-BORN in different LOCALITIES, arranged in Quarters, for the Year beginning 1st January 1897.

	A						B					C							D						E								F			G					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non-Resident and Unknown.	TOTAL.	
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
January	..	1	1	6	..	8	4	4	5	4	17	1	3	2	5	..	2	13	2	4	..	..	4	10	5	8	5	7	4	9	1	39	4	..	2	6	7	5	12	..	4	109	January.
February ..	1	1	..	1	1	4	4	5	3	..	12	3	2	..	1	3	2	11	..	..	..	1	3	4	5	..	6	3	1	6	2	23	1	..	4	5	..	4	4	..	5	68	February.
March	1	2	..	3	..	6	6	7	8	5	26	1	4	3	3	1	1	13	..	1	..	..	1	2	3	3	1	3	3	4	3	20	5	..	3	8	4	2	6	..	2	83	March.
Quarter 1st..	2	4	1	10	1	18	14	16	16	9	55	5	9	5	9	4	5	37	2	5	..	1	8	16	12	11	12	13	8	19	6	82	10	..	9	19	11	11	22	..	11	260	Quarter 1st.
April	..	..	..	4	..	4	7	4	12	4	27	..	2	2	9	3	2	18	2	2	..	..	1	5	4	1	1	5	4	8	..	23	5	1	2	8	1	..	1	..	4	96	April.
May	..	1	..	5	1	7	2	2	6	3	13	2	5	1	1	3	3	15	1	5	..	..	1	7	1	1	..	4	2	7	1	16	8	1	2	11	3	..	3	..	8	80	May.
June.....	1	4	..	3	1	9	4	3	10	4	21	2	5	1	1	11	6	26	7	3	..	1	1	12	5	1	4	3	..	11	1	25	1	..	5	6	3	7	10	..	9	118	June.
Quarter 2nd..	1	5	..	12	2	20	13	9	28	11	61	4	12	4	11	17	11	59	10	10	..	1	3	24	10	3	5	12	6	26	2	64	14	2	9	25	7	7	14	..	21	288	Quarter 2nd
July	..	1	..	6	..	7	5	13	10	6	34	6	5	4	2	6	2	25	1	6	1	..	..	8	8	1	8	1	2	11	1	32	3	..	3	6	1	7	8	..	3	123	July.
August.....	..	1	..	15	..	16	1	10	12	7	33	2	6	2	3	3	2	18	6	4	..	1	..	11	8	4	4	10	3	15	..	44	6	2	1	9	7	5	12	..	9	152	August.
September ..	..	4	..	10	4	18	1	8	12	8	26	1	5	2	8	9	7	32	2	4	2	1	..	9	11	3	3	5	2	13	2	39	8	1	2	11	3	..	3	..	2	140	September.
Quarter 3rd..	..	6	..	31	4	41	10	28	34	21	93	9	16	8	13	18	11	75	9	14	3	2	..	28	27	8	15	16	7	39	3	115	17	3	6	26	11	12	23	..	14	415	Quarter 3rd.
October	..	1	1	5	1	8	7	7	10	2	26	6	5	4	11	4	3	33	3	5	1	3	2	14	5	3	3	8	4	19	1	43	10	1	1	12	1	2	3	..	1	140	October.
November ..	2	1	..	4	..	7	3	5	8	6	22	5	10	3	3	6	6	53	1	7	1	..	2	11	8	2	11	6	2	9	2	40	6	2	3	11	8	4	12	..	8	144	November.
December ..	1	3	..	4	..	8	5	8	9	6	29	6	6	..	1	7	4	24	3	6	2	..	1	12	4	1	3	5	4	10	1	28	7	..	4	11	2	1	3	..	6	121	December.
Quarter 4th..	3	5	1	13	1	23	15	21	27	14	77	17	21	7	15	17	13	90	7	18	4	3	5	37	17	6	17	19	10	38	4	111	23	3	8	34	11	7	18	..	15	405	Quarter 4th.
Year..	4	20	2	66	8	102	52	74	105	55	286	35	58	24	48	56	40	261	28	47	7	7	16	105	67	28	49	60	31	122	15	372	64	9	32	104	40	37	77	..	61	1368	Year.

	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.	Water Division.	Non Resident & Unknown.	TOTAL.	
	A						B					C							D						E								F			G					

NUMBER OF DEATHS AND STILL-BORN in various HINDU CASTES, JAIN AND MUSSULMAN RACES, registered during the Year beginning 1st January 1897.

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
HINDU CASTES. *Males.*	26	65	33	15	7	9	8	14	11	13	9	9	219
Agree	2	4	1	...	...	...	...	...	2	...	...	1	10
Barotee	...	1	...	...	...	...	...	1	...	...	...	...	2
Beldar	1	2	2	...	...	...	...	...	1	...	...	...	6
Bhat	35	29	28	24	9	10	10	12	15	13	16	13	214
Bhatia	16	8	4	...	1	3	2	2	2	2	...	2	42
Bhoee	4	1	3	...	1	1	2	1	4	1	4	1	23
Bhaosar	113	129	72	46	22	16	27	38	37	31	33	25	589
Bhandaree	3	8	8	5	...	4	4	...	...	1	...	2	35
Bhandaree-Kiltay	4	6	7	6	3	1	...	4	4	...	2	2	39
Bhansali	3	3	...	1	2	5	4	...	1	1	2	4	26
Boorood	7	14	1	2	1	1	...	7	5	5	2	...	45
Bairagi, Gosavee	228	181	142	65	18	30	48	63	56	52	67	95	1045
Brahmins	3	...	...	1	1	1	...	...	2	1	...	...	9
Chachee	2	2	...	...	1	...	...	...	...	...	...	...	5
Charkulsee	5	2	...	1	...	...	...	...	8	15	18	22	71
Chutree	69	92	61	21	21	7	16	13	15	21	14	26	376
Dohobee	1	1	2	...	...	...	...	...	...	1	...	...	5
Dewlee	10	13	6	11	4	5	4	4	3	5	1	1	67
Dhungur	4	4	1	...	2	1	7	1	2	...	1	...	23
Gaolee, Aheer	1	1	1	...	...	...	2	1	1	...	2	...	9
Gavundee	34	33	19	13	5	8	18	22	19	16	12	9	208
Gaolee	9	5	7	1	...	1	2	...	...	2	...	2	29
Coorno													

| | | |

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
HINDU CASTES. *Males*—contd.													
Tellungee	2	2	...	2	2	1	1	2	4	2	3	6	27
Thackoor	8	8	9	2	...	1	...	4	2	2	1	2	39
Vaisshya Wanee	39	44	26	3	1	3	6	12	7	7	2	2	152
Wagree	2	2	3	3	2	4	7	4	1	5	2	3	38
Wanjaree	8	13	3	7	5	5	5	10	5	7	2	5	75
HINDU CASTES. *Females.*													
Agree	30	74	43	19	10	9	8	15	10	19	13	9	259
Beldar	...	...	1	...	1	...	...	...	...	...	1	...	3
Bhat...	...	...	...	...	...	...	...	...	...	1	...	...	1
Bhatia	32	13	22	20	7	11	8	8	7	14	7	12	161
Bhoee	12	2	1	2	1	...	...	...	1	3	3	3	28
Bhaosar	3	...	4	2	3	...	1	5	..	...	1	2	21
Bhandaree	84	89	54	36	18	8	20	45	23	23	28	26	454
„ Kittay	4	2	1	5	...	2	4	1	1	...	...	...	20
Bhansalee	3	4	7	1	3	...	3	2	2	5	1	2	33
Boorood	1	2	3	1	5	...	4	3	5	1	...	2	27
Bairagi, Gosavee	2	8	7	3	1	...	1	3	2	1	2	3	33
Brahmin	79	80	48	28	10	32	18	39	32	38	16	40	460
Chachee	2	...	...	...	1	...	1	...	...	...	...	...	4
Charkulsee...	1	1	...	...	...	...	...	...	...	...	...	...	2
Chutree	3	...	...	4	...	...	...	1	5	17	5	25	60
Dhobee	58	41	33	23	10	8	18	17	16	17	10	24	275
Deolee	...	1	...	...	...	...	...	...	...	...	...	...	1
Dhungur	7	5	3	3	5	...	2	3	2	...	3	5	38
Gaolee, Aheer	...	1	...	...	1	...	1	1	...	...	...	...	4
Gavundee	4	2	1	...	...	...	1	...	...	...	...	...	8
Gaolee	31	29	16	10	10	13	14	22	12	10	10	11	188
Goorao	4	3	4	3	...	2	...	...	2	1	...	...	19

Gola Rana	1	2	1	...	2	1	2	1	2	...	...	3	15
Hindu	80	88	89	43	28	30	29	39	62	78	70	90	726
„ Wanee	4	7	4	2	1	...	...	3	...	...	...	1	22
„ Soortee	9	...	3	2	2	1	1	2	...	...	...	1	21
„ Madrasi	1	...	...	...	1	...	2	...	...	2	...	2	8
Jingur	3	...	...	...	...	1	...	...	...	...	...	...	4
Kasar	14	19	15	6	2	5	10	5	3	5	5	9	98
Kharwa	24	16	17	6	2	9	4	6	7	8	8	5	112
Khutree	53	33	13	23	15	10	7	3	2	1	...	...	160
Koombhar	10	7	9	8	6	1	6	4	5	4	4	5	69
Kunbee	25	34	18	6	6	5	6	4	6	7	1	4	122
Kostee	6	1	1	1	1	1	...	3	2	4	5	6	31
Kolee	98	28	18	25	9	6	17	19	15	16	11	7	269
„ Soortee	7	...	...	1	...	...	...	...	1	1	...	...	10
Kamatee	4	5	9	2	1	1	1	4	...	2	4	...	33
„ Phoolmalee	18	59	39	12	17	13	14	16	7	18	15	17	245
Komtee	3	...	1	1	...	...	...	...	...	2	...	...	7
Lingaet and Jungum	2	5	6	3	4	1	4	4	3	1	1	4	38
Lohana	26	16	24	35	23	7	22	15	27	28	16	26	265
Lohar	8	5	6	6	11	8	4	9	3	6	3	8	77
Malee	70	31	20	15	5	4	12	8	9	10	10	11	205
Mangelee	4	21	1	1	1	...	3	...	1	...	3	...	35
Mooltanee	2	...	...	...	...	...	...	...	...	...	...	...	2
Marathee	705	690	503	320	220	209	358	548	389	324	236	286	4788
Nahavee	21	15	7	10	5	5	8	8	8	10	10	15	122
Panchkulsee	9	14	54	13	4	6	3	15	9	7	3	3	140
Purbhoo, Kaista	19	13	16	5	3	2	8	4	5	10	6	11	102
„ Pattanay	21	10	...	9	4	2	...	...	...	...	...	...	46
Purdessee	17	16	12	7	10	10	4	6	6	5	5	5	103
Rajpoot	4	5	4	2	1	...	...	2	1	2	...	2	23
Rawool	...	...	...	...	...	...	...	...	...	...	1	1	2
Salee	4	4	5	3	3	4	3	3	5	7	1	5	47
Shenvee	...	...	...	1	1	1	3	1	...	1	...	1	9
Shimpee	21	31	25	16	10	10	12	16	14	14	21	23	213
Sonar	40	51	24	13	9	7	11	17	18	9	13	13	225
Sone Kolee	16	15	13	6	...	9	4	13	10	9	6	3	104
Sutar	8	9	3	...	4	2	2	2	12	5	7	7	61
Surtee Koloe	11	1	2	...	...	...	...	2	4	2	3	8	33
Tailee	18	24	16	6	11	7	4	21	10	11	6	13	147

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindu Castes. *Females*—(contd.).													
Tellungee	...	1	3	3	...	1	1	2	4	1	5	4	25
Thackoor	2	1	1	1	...	...	2	3	1	1	3	1	16
Vaisshya Wanee	14	23	16	2	2	3	1	6	3	5	3	3	81
Wagree	4	...	...	2	2	3	3	8	3	6	...	1	32
Wunjaree	10	8	3	5	5	4	5	5	10	2	8	5	70
Hindu Low-Castes. *Males*.													
Bhungee	17	17	12	3	4	10	15	14	7	10	7	4	120
Chambhar	18	7	9	5	6	15	5	16	25	16	23	8	153
Dhed	6	21	7	4	2	...	10	7	4	1	5	3	70
Dhore	...	...	12	18	7	3	3	3	2	5	7	3	63
Mahar	173	188	205	91	76	74	121	156	126	117	89	92	1508
Mang	13	5	10	1	1	5	7	5	2	7	4	4	64
Mochee	83	62	62	29	24	26	48	72	55	46	38	53	598
Purwaree	...	...	...	1	...	...	...	...	...	...	...	2	3
Hindu Low-Castes. *Females*.													
Bhungee	9	13	13	9	1	8	6	9	10	4	3	10	95
Chambhar	16	12	10	10	6	6	6	14	15	23	15	13	146
Dhed	8	9	12	6	8	1	6	12	2	2	3	4	73
Dhore	3	2	11	15	4	2	4	3	6	4	4	1	59
Mahar	133	190	126	67	68	85	123	164	109	108	76	87	1336
Mang	8	8	10	4	3	2	2	7	4	10	7	9	74
Mochee	77	40	36	24	20	28	37	63	47	43	30	52	497

MUSSULMAN.																	
Males.																	
Arab	9	2	...	...	2	...	2	2	1	1	3	2	24
Borah	42	26	24	38	25	18	17	22	24	28	13	28	305
Khoja	24	19	22	7	9	4	6	10	8	4	7	15	135
Memon	143	59	51	84	47	32	49	47	67	17	12	36	644
Moghul	5	2	...	4	1	5	2	1	2	2	...	2	26
Pathan	16	16	12	9	7	12	8	12	11	17	8	8	136
Shaik	57	53	62	85	51	75	64	82	55	43	23	39	689
Syed...	42	8	5	1	...	7	11	2	2	1	...	3	82
Mussulman	534	518	481	340	230	187	210	328	300	329	320	364	4141
MUSSULMAN.													
Females.													
Arab	1	...	...	...	1	1	...	...	...	3	...	...	6
Borah	19	21	19	18	18	22	13	22	22	20	24	23	241
Khoja	21	15	36	9	5	6	7	14	8	7	8	19	155
Memon	125	48	33	70	37	45	67	62	57	11	25	23	603
Moghul	4	1	...	13	3	4	...	...	3	3	...	2	33
Pathan	17	6	3	6	5	3	13	15	18	11	13	6	116
Sahik	64	52	49	82	60	81	92	85	54	54	31	31	735
Syed	32	2	6	4	3	4	5	2	5	2	1	3	69
Mussulman	422	464	361	244	235	149	179	276	297	269	307	297	3500
JAIN.													
Males.													
Bania	57	35	25	20	13	4	6	9	25	48	57	68	367
„ Kapol	2	...	2	1	1	5	1	5	2	2	...	1	22
Vissa Lar Bania	...	...	...	...	...	1	...	2	1	...	...	2	6
Lar Wanee...	7	5	3	7	1	...	...	1	...	1	1	3	29
Vissa Lar Wanee	2	...	...	...	...	...	...	...	1	...	...	...	3
Mor Wanee...	13	1	2	1	1	4	1	1	1	...	...	...	29
Vissa Mor	...	...	1	...	...	...	...	...	...	...	...	4	29
Dussa Mor	1	...	...	...	...	...	...	...	...	...	...	...	1
													1

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Jain.													
Males.—(contd.)													
Misharee Wanee	2	...	...	1	1	...	...	...	...	...	...	...	4
Vissa Ooswar Wanee	20	4	1	4	1	2	2	...	...	...	5	1	40
Dussa „ „	4	6	4	15	2	2	...	8	4	2	1	2	50
Vissa Porwal	...	...	...	...	...	...	...	3	1	...	...	...	4
Dussa Porwal	...	...	...	2	...	...	...	...	...	...	...	...	2
Marwari	17	12	2	5	2	3	1	2	4	3	13	20	84
Vissa Ooswar Marwari	4	1	...	...	...	...	...	1	...	...	...	...	6
„ Shreemalee...	4	...	...	1	...	1	...	...	...	...	...	...	6
Dussa „	3	...	...	3	...	...	...	...	...	...	...	...	6
Shreemalee Wanee	1	1	...	1	1	1	...	1	...	...	...	...	6
Agarwala Bania	...	1	...	...	...	1	...	1	1	1	1	...	6
„ Marwaree	...	...	...	...	...	...	...	2	...	...	...	...	2
Vissa Sortia	...	...	...	...	...	..	...	...	1	...	...	...	1
Dussa „	1	...	...	...	...	...	...	...	...	...	...	...	1
„ Daiswar Bania	1	3	1	...	...	...	...	...	...	...	...	...	5
Vissa Nagar „	1	...	...	...	...	...	..	...	...	...	...	...	1
Dussa Porwal Wanee	2	...	...	...	...	...	1	2	...	1	...	1	7
Porwal Bania	3	...	1	2	1	...	2	2	...	1	...	...	12
Shrawak Wanee	1	...	...	...	...	1	...	1	1	...	...	...	4
Goozar Wanee	7	1	...	2	...	...	1	...	...	...	1	...	12
Sortia „	...	1	...	...	...	...	1	1	...	...	...	...	3
Dussa Sortia Wanee	2	1	1	2	...	3	1	...	4	1	3	6	24
Zarola Bania	...	...	1	...	1	...	1	...	...	...	...	...	3
Nagar Wanee	2	...	...	...	...	2	2	1	...	...	...	...	7
Dussa Nagar Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Sortia Wanee	...	1	...	...	...	...	...	...	...	...	1	...	2
Dussa Porwal Wanee	...	1	...	...	...	...	...	...	...	...	...	...	1
Dussa Lar Bania	...	2	1	...	...	...	...	1	...	...	...	...	4
Vaida Wanee	3	...	...	...	2	...	...	...	...	...	...	...	5

Dussa „	2	1	2	3	...	...	...	1	2	...	...	1	12
Ooswar „	...	1	...	...	...	...	...	...	...	...	...	...	1
Vissa „	...	1	1	...	...	1	4	6	2	1	1	...	17
Wanee	6	10	1	21	3	...	5	...	7	13	11	24	101
JAIN.- *Females.*													
Bania	16	8	15	9	3	...	1	7	11	27	25	31	153
„ Kapol	9	2	3	2	2	2	1	3	2	2	1	4	33
Vissa Lar Bania	...	...	...	...	...	1	1	1	1	1	1	...	6
Lar Wanee..	3	5	2	3	3	...	3	1	...	...	1	3	24
Vissa Lar Wanee	1	...	...	...	...	...	...	...	1	...	...	...	2
Mor Wanee...	6	...	...	1	...	1	...	3	2	...	...	1	14
Dussa Mor	3	...	...	...	...	...	...	...	...	...	...	...	3
Vissa Ooswar Wanee	3	1	1	4	1	3	2	1	2	1	...	1	20
Dussa „ „	1	3	5	6	4	2	2	...	1	...	1	...	25
Marwaree	3	1	4	...	1	...	...	...	...	...	...	...	9
Vissa Ooswar Marwaree	3	...	...	...	...	...	...	...	...	...	...	...	3
„ Shrimalee...	1	...	...	...	...	...	...	...	...	...	...	...	1
Dussa „	1	...	...	...	...	...	...	...	...	...	...	...	1
Shrimalee Wanee	4	...	1	1	...	...	...	...	...	...	...	...	6
Agarwala Bania	1	...	1	...	...	1	...	1	...	...	...	...	6
Vissa Sortia	...	...	...	...	...	...	...	2	...	...	1	1	6
Vissa Nagar Bania	...	...	...	...	...	...	...	...	1	...	...	...	2
Dussa Porwal Wanee	...	...	1	...	...	...	2	1	...	...	...	1	2
Porwal Bania	...	...	...	...	...	...	...	1	...	...	...	1	5
Shrawak Wanee	...	1	1	...	...	...	...	1	...	...	...	1	2
Goozar Wanee	1	...	1	...	...	...	...	1	...	...	...	...	3
Sortia „	1	...	...	...	1	1	...	1	...	...	1	...	4
Dussa Sortia Wanee	6	1	1	2	...	4	5	...	2	...	2	1	24
Zarola Bania	...	...	...	...	...	...	...	...	...	1	...	...	1
Sortia Wanee	...	1	1	...	...	...	...	...	...	...	...	...	2
Vissa Porwal Bania	...	...	...	...	...	1	...	...	...	...	...	...	1
Dussa Lar Bania	...	1	...	...	...	...	...	...	...	...	...	...	1
Vaida Wanee	4	...	...	...	...	...	...	...	...	...	...	...	1
Dussa „	...	1	...	1	1	...	...	...	...	...	...	...	4
Vissa „	1	1	2	2	...	2	6	2	8	4	...	1	5
Wanee	1	...	...	18	1	1	3	...	...	2	5	2	33

ABSTRACT of the METEOROLOGICAL OBSERVATIONS supplied by the BOMBAY OBSERVATORY during the Year beginning 1st January 1897.

MONTHS.	Pressure of Air. (Barometer 37½ feet above the mean sea-level, and reduced to 32° Fahr.)			Temperature of Air in the Shade. Degrees Fahr.			Hydrometric State of Air.					Wind.		Rain at Colaba.		Rain at Byculla.		MONTHS.
							Dew Point. Degrees Fahr.			Humidity.		Daily Mean Number of Hours.		Inches.	On No. of Days.	Inches.	On No. of Days.	
	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	From Sea.	From Land.					
January	29·944	·113	·234	74·6	9·7	28·6	68·7	7·2	30·2	·69	·28	14	10	·01	1	...	...	January.
February	·904	·119	·248	75·1	9·4	16·5	68·8	6·3	22·0	·69	·21	16	8	...	...	...	...	February.
March	·867	·121	·311	78·0	9·5	16·0	68·2	4·1	17·6	·73	·19	18	5	...	...	...	...	March.
Quarter, 1st	·905	·118	·264	75·9	9·5	18·7	65·2	6·0	28·3	·70	·23	16	8	·01	1	...	...	Quarter, 1st.
April	29·821	·119	·266	83·2	8·1	18·5	73·9	3·7	21·8	·74	·20	19	4	...	...	...	...	April.
May	·776	·98	·202	85·5	7·1	12·9	76·3	1·7	6·9	·74	·11	22	1	...	...	...	...	May.
June	·667	·94	·343	85·6	5·2	15·2	78·2	2·6	8·1	·79	·15	22	1	14·40	21	12·61	16	June.
Quarter, 2nd	·755	·104	·270	84·8	6·8	15·4	76·1	2·7	12·3	·76	·15	21	2	14·40	21	12·61	16	Quarter, 2nd.
July	29·632	·077	·391	81·6	3·9	14·0	77·3	2·5	7·2	·87	·19	22	1	30·19	28	33·11	27	July.
August	·675	·087	·351	81·6	4·1	7·8	76·7	2·2	7·2	·85	·17	23	...	18·82	28	10·09	29	August.
September	·759	·104	·270	81·7	5·8	12·9	76·6	2·6	6·8	·85	·15	18	5	20·60	23	19·12	21	September.
Quarter, 3rd	·689	·089	·331	81·6	4·6	11·6	76·9	2·4	7·1	·86	·17	21	2	64·61	79	68·32	77	Quarter, 3rd.
October	·840	·107	·298	82·4	8·1	14·9	74·7	4·2	17·0	·72	·23	12	11	2·51	7	2·09	[illegible]	October.
November	·898	·110	·256	79·3	12·4	19·0	66·4	8·7	18·7	·66	·11	9	15	...	...	...	...	November.
December	·951	·116	·264	76·2	12·4	19·9	62·8	8·4	24·8	·65	·28	8	15	...	...	...	...	December.
Quarter, 4th	·896	·111	·272	79·3	10·9	17·9	67·9	7·1	20·1	·69	·20	9	13	2·51	7	2·09	[illegible]	Quarter, 4th.
Year	29·811	·105	·281	80·4	7·9	15·9	71·5	4·5	15·7	·75	·19	17	6	81·53	108	83·92	98	Year.

Appendix A.

Government Observatory, Colaba, Bombay.

AGGREGATE AND MEAN VELOCITIES AND RELATIVE FREQUENCY OF DIFFERENT WINDS, 1897.

TABLE showing for the year 1897 the Sums of the Velocities, and the Mean Velocities, in miles per hour, of the Winds which blew in each Month, from each of the Sixteen Principal Directions, and also the number of hourly Observations which those sums comprise; the latter numbers indicating the Relative Frequency of the same Wind (as to directions) in the several months, and of different Winds during the same Month.

1897.	N.			NNE.			NE.			ENE.			E.			ESE.			SE.			SSE.		
Months.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January ...	959	123	7·8	377	57	6·6	234	37	6·3	478	60	8·0	85	10	8·5	99	13	7·6	74	9	8·2	8	1	8·0
February ..	1038	121	8·6	241	34	7·1	168	27	6·2	167	20	8·3	53	11	4·8	50	7	7·1	13	2	6·5	47	8	5·9
March	486	72	6·7	260	41	6·3	99	20	4·9	89	16	5·6	17	4	4·2	8	2	4·0	50	7	7·1	36	7	5·1
April	401	64	6·3	164	32	5·1	62	12	5·2	14	2	7·0	9	2	4·5	9	2	4·5	0	0	0·0	102	9	11·3
May..... ..	57	11	5·2	10	3	3·3	4	1	4·0	17	3	5·7	11	2	5·5	0	0	0·0	5	1	5·0	117	12	9·7
June.....	6	2	3·0	0	0	0·0	70	5	14·0	73	4	18·2	88	6	14·7	29	3	9·7	108	7	15·4	260	13	20·0
July.....	0	0	0·0	0	0	0·0	6	1	6·0	0	0	0·0	23	2	11·5	0	0	0·0	96	8	12·0	691	46	15·0
August ...	15	2	7·5	13	2	6·5	14	3	4·7	0	0	0·0	7	1	7·0	0	0	0·0	38	5	7·6	0	0	0·0
September	144	21	6·9	43	5	8·6	129	18	7·2	195	23	8·5	104	12	8·7	128	13	9·8	203	24	8·5	628	58	10·8
October ...	520	88	5·9	212	86	5·9	324	55	5·9	414	66	6·3	364	47	7·7	126	12	10·5	291	32	9·1	374	33	11·3
November..	533	78	6·8	285	46	6·2	590	72	8·2	1949	192	10·2	531	55	9·7	59	7	8·4	0	0	0·0	0	0	0·0
December..	638	95	6·7	150	24	6·2	569	63	9·0	2432	229	10·6	575	55	10·5	135	16	8·5	10	1	10·0	0	0	0·0
Year....	4797	677	7·1	1755	280	6·3	2269	314	7·2	5828	615	9·5	1867	207	9·0	644	75	8·6	888	96	9·2	2263	187	12·1

	S.			SSW.			SW.			WSW.			W.			WNW.			NW.			NNW.		
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January ...	5	0	0·0	0	0	0·0	3	1	3·0	82	10	8·2	174	24	7·2	475	58	8·2	2005	170	11·8	1985	171	11·6
February	9	2	4·5	21	4	5·2	5	1	5·0	24	4	6·0	130	22	5·9	764	75	10·2	2612	222	11·8	1535	111	13·8
March.....	13	3	4·3	2	1	2·0	14	4	3·5	27	4	6·7	363	46	7·9	1950	223	18·7	2505	232	10·8	833	61	13·7
April	297	23	12·9	381	46	8·3	124	17	7·3	308	37	8·3	770	99	7·8	1344	124	10·8	2412	168	14·4	853	80	10·7
May	86	9	9·6	224	29	7·7	106	20	5·3	719	84	8·6	1959	241	8·1	1803	198	9·1	1092	100	10·9	198	29	6·8
June	457	23	19·9	287	23	12·5	240	28	8·6	2312	160	14·4	4164	303	13·7	1402	110	12·7	298	29	10·3	11	1	11·0
July.....	1183	68	17·4	665	61	10·9	1282	116	11·1	4097	259	15·8	2430	168	14·5	165	13	12·7	14	2	7·0	0	0	0·0
August ...	11	1	11·0	93	9	10·3	930	78	11·9	5767	365	15·8	3720	217	17·1	270	30	9·0	293	26	11·3	48	5	9·6
September.	536	44	12·2	664	58	11·4	339	40	8·5	956	83	11·5	1294	139	9·3	672	71	9·5	886	76	11·7	266	34	7·8
October ...	357	35	10·2	122	14	8·7	115	16	7·2	208	44	4·7	104	13	8·0	315	34	9·3	1448	129	11·2	1038	90	11·5
November..	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	57	8	7·1	259	26	10·0	1215	113	10·8	1447	123	11·8
December..	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	135	17	7·9	294	38	7·7	818	89	9·2	1736	117	14·8
Year....	2949	208	11·2	2459	245	10·0	3158	321	9·8	14500	1050	13·8	15300	1297	11·8	9713	1000	9·7	15598	1356	11·5	9950	822	12·1

No. of Observations.		No. of hours.
Calm.	Variable.	Record lost.
6	4	0

Appendix B.

MEMORANDUM of DEATHS, including Still-born, for the Year beginning 1st January 1897.

MONTHS.	BODIES HOW DISPOSED OF.			PLACE OF BIRTH.			RESIDENCE OF FAMILIES.			REPORTS.		TOTAL.	Number of deaths not tabulated.
	Buried.	Burnt.	Exposed.	Bombay.	Elsewhere.	Unknown.	Bombay.	Elsewhere.	Unknown.	Written.	Verbal.		
January	3,772	3,492	363	2,606	4,963	58	1,119	6,351	157	768	6,859	7,627	6
February	3,049	3,679	200	2,307	4,522	99	1,050	5,704	174	837	6,091	6,928	5
March	2,301	3,001	117	1,852	3,455	112	641	4,588	190	841	4,578	5,419	...
April	1,696	1,827	95	1,299	2,104	215	338	3,062	218	835	2,783	3,618	3
May	1,374	953	106	1,010	1,332	91	304	2,041	88	487	1,946	2,433	7
June	1,390	822	114	1,045	1,262	19	266	1,995	65	437	1,889	2,326	...
July	1,803	1,190	119	1,237	1,836	39	334	2,738	40	408	2,704	3,112	...
August	2,280	1,673	123	1,522	2,471	83	374	3,615	87	663	3,413	4,076	1
September	1,994	1,513	109	1,199	2,325	92	273	3,239	104	497	3,119	3,616	5
October	1,809	1,472	108	1,199	2,110	80	298	2,983	108	507	2,882	3,389	1
November	1,589	1,325	70	1,080	1,815	89	292	2,586	106	500	2,484	2,984	6
December	1,755	1,871	110	1,203	2,384	149	396	3,158	182	696	3,040	3,736	11
Total...	24,812	22,818	1,634	17,559	30,579	1,126	5,685	42,060	1,519	7,476	41,788	49,264	45*

* The deaths refer to those of persons who died out of Bombay and whose bodies were disposed of in Bombay. The number also includes still-births and abortions where sex could not be ascertained.

Return showing the Number of Deaths and the Rate of Mortality, exclusive of Still-born, in 2nd Nagpada, Kamathipura, and Tardeo Sections during the year 1897.

SECTION.	Population by Census of 1891.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.	
		Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Rate of Mortality.
2ND NAGPADA SECTION.																											
Bellasis Road	892	26	349·76	23	309·41	8	107·62	4	53·81	8	107·62	6	80·71	4	53·81	13	174·87	12	161·43	7	94·16	8	107·62	13	174·87	132	147·98
Bellasis Junction Road	176	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Duncan Road	1,821	14	92·25	8	52·71	10	65·90	6	39·52	10	65·90	9	59·30	14	92·25	14	92·25	16	105·42	23	151·55	10	65·90	9	59·30	143	78·52
Grant Road	259	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	46·33	8	370·65	9	34·74
Hoozaria Street	2,786	36	155·06	28	120·60	19	81·83	10	43·07	10	43·07	11	47·37	25	107·68	19	81·83	28	120·60	25	107·68	20	86·14	24	103·37	255	91·52
Kazipura Road	1,052	13	148·28	25	285·17	23	262·35	24	273·76	15	171·09	10	114·06	16	182·50	16	182·50	30	342·20	13	148·28	16	182·50	18	205·32	219	208·17
Khandia Street	1,271	11	103·86	14	132·18	13	122·74	9	84·97	14	132·18	18	169·94	6	56·65	19	179·38	14	132·18	12	113·30	15	141·62	19	179·38	164	129·03
Mustan Tank Road	785	4	61·14	9	137·56	3	45·85	1	15·28	2	30·57	...	...	2	30·57	4	61·14	5	76·43	3	45·85	1	15·28	8	122·28	42	53·50
Undria Street	2,616	14	64·22	8	36·69	8	36·69	4	18·34	16	73·39	4	18·34	6	27·52	18	82·56	18	82·56	22	100·91	18	82·56	14	64·22	150	57·33
Parel Road	475	5	126·31	12	303·16	8	202·10	9	227·37	4	101·05	3	75·79	9	227·37	6	151·58	5	126·31	9	227·37	2	50·52	8	202·10	80	168·42
Temker Street	2,138	45	252·57	23	129·09	17	95·41	9	50·51	13	72·96	8	44·90	12	67·35	19	106·64	16	89·80	24	134·70	14	78·57	13	72·96	218	99·62
Tank Street	2,529	10	47·56	15	71·34	13	61·83	15	71·34	2	9·51	1	4·75	2	9·51	4	19·02	4	19·02	4	19·02	8	38·05	4	19·02	82	32·50
Teli Molla	1,874	15	96·04	9	57·63	7	44·82	8	51·23	8	51·23	11	70·44	9	57·63	9	57·63	11	70·44	12	76·84	6	38·42	12	76·84	117	62·43
Shaik Badan Cumrudeen Street	...	15	...	2	...	1	...	3	...	2	...	1	...	2	...	...	...	1	...	2	...	2	...	1	...	30	...
Soorti Molla	...	22	...	15	...	9	...	22	...	28	...	11	...	17	...	18	...	19	...	16	...	16	...	26	...	219	...
Nagpada	...	14	...	13	...	17	...	13	...	18	...	8	...	6	...	5	...	9	...	3	...	7	...	3	...	116	...
Unnamed Street	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	18,768	212	154·73	204	130·43	156	99·74	137	87·59	150	95·90	101	64·57	130	83·12	164	104·85	188	120·20	175	111·89	144	92·07	180	115·08	1971	105·01
KAMATHIPURA SECTION.																											
Baptv Road	1,294	4	37·08	6	55·64	2	18·54	...	...	4	37·08	3	27·82	1	9·27	5	46·37	2	18·54	2	18·54	1	9·27	6	55·64	36	27·82
Bellasis Road	134	1	89·55	3	268·65	...	...	...	...	...	...	1	89·55	...	...	1	89·55	...	...	1	89·55	...	...	2	179·10	9	67·16
Kamathipura Centre Road	452	1	26·54	...	...	...	...	...	...	...	...	...	...	1	26·54	...	...	...	...	1	26·54	...	...	...	...	3	6·63
Clerk Road	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Down and Up Passengers (Chinchpoogly)	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Duncan Road	1,755	16	109·40	8	54·70	5	34·18	5	34·18	3	20·51	2	13·67	3	20·51	9	61·53	13	88·88	7	47·86	7	47·86	4	27·35	82	46·72
Foras Road	135	1	88·88	6	533·33	2	177·77	...	...	1	88·88	2	177·77	...	...	...	...	2	177·77	1	88·88	...	...	2	177·77	17	125·92
Grant Road	64	3	562·50	...	...	...	...	2	375·00	7	1312·50	1	187·50	...	...	2	375·00	3	562·50	8	1500·00	...	...	1	187·50	27	421·87
Kamathipura Street	265	8	362·24	6	271·68	14	633·92	5	226·41	11	498·11	7	316·98	11	498·11	11	498·11	12	543·36	2	90·56	2	90·56	...	...	89	335·84
Kamathipura Bazar Road	1,398	...	...	1	8·58	2	17·16	1	8·58	1	8·58	...	...	1	8·58	2	17·16	1	8·58	1	8·58	1	8·58	...	...	11	7·86
Kamathipura Cross Lane	134	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	89·55	...	...	...	...	...	...	...	...	1	7·46
Kamathipura 1st Street	163	53	3901·83	33	2429·45	31	2282·20	24	1766·87	25	1840·49	18	1325·15	25	1840·49	36	2650·30	32	2355·82	41	3018·40	26	1914·11	48	3533·74	392	2404·90
" 2nd "	2,241	86	192·75	12	67·25	11	58·90	12	64·25	9	48·19	10	53·54	8	42·83	12	64·25	11	58·90	12	64·25	13	69·61	13	69·61	159	70·95

| | | |

2.—LICENSE DEPARTMENT.

1. I am happy to state that as regards revenue, I am able, this year, to present a report much more satisfactory than that of the last year, though the times through which Bombay had to pass during the period under report, were no way less critical or less disastrous than last year, owing to the recrudescence of plague in the City.

2. I annex a tabulated statement showing the amount of fees collected under each head of licensable trades for each of the months of the year under report.

3. The income from all these up to 31st March last, including Rs. 4,642 collected for 1896-97 during 1897-98, was Rs. 63,741-8-0, that is, Rs. 3,741-8-0 in excess of the budget estimate. The outstanding balance is now hardly Rs. 300, and I hope to collect it within a few days.

4. This satisfactory revenue is the result of honest hard work of my staff both indoor and outdoor, and I have every reason to be satisfied with the way in which all have discharged their respective arduous duties.

5. Five thousand seven hundred and fifty licenses for 1897-98 were issued up to 31st March last, against five thousand four hundred and sixty-five licenses issued for the previous year.

6. The number of prosecutions conducted during the year, against persons for carrying on trades, subject to licenses, without licenses, or for infringing the conditions thereof, amounted to 2,115 against 2,339 instituted during 1896-97.

7. I cannot conclude this report without expressing my great sorrow for the death of the late Sub-Inspector, Mr. Krashna Balu, whose loss will, no doubt, be felt by this department for a very long time. His service, extending over thirty years, was not only very creditable to him, but was indeed very beneficial to the Municipality.

A.

TABULATED STATEMENT showing the amount of License Fee, with that of Process Fee, recovered for each of the Licensable Articles appearing in Schedule M during 1897-98.

Period.	Bones.		Bricks (Hand-made).		Candles (Manufacturing).		China Grass, Cocoa-nut Fibres, Flax, Hemp, Jute & Tow.		Charcoal.		Coal and Coke.		Cloths in Indigo, Dyeing.		Cloths in other Colours, Dyeing.	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897.....	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..
May "	..	..	..	..	..	..	..	..	..	..	..	..	60	..	5	..
June "	..	..	..	..	..	..	5	..	40	1 8	40	..	..	..	60	..
July "	..	..	..	..	5	..	15	..	155	3 0	180	0 8	..	..	110	4 8
August "	15	..	..	..	..	..	15	..	65	3 0	50	..	100	..	65	2 0
September "	..	..	..	..	5	..	..	..	90	0 8	30	..	300	..	110	6 0
October "	..	..	..	..	..	..	..	..	30	0 8	..	..	60	1 0	40	4 0
November "	30	..	..	..	..	..	180	..	105	4 8	90	..	200	0 8	30	1 0
December "	15	0 8	..	..	..	..	50	1 8	60	4 0	70	2 0	100	2 8	55	1 0
January 1898.....	..	..	60	..	..	..	..	..	40	2 8	340	0 8	..	..	205	0 8
February "	15	..	100	4 0	..	..	..	..	5	0 8	90	1 8	..	..	95	7 0
March "	..	..	10	0 8	..	..	30	0 8	10	1 0	..	..	..	..	20	2 0
Total..Rs.	75	0 8	170	4 8	10	..	315	2 0	600	21 0	890	4 8	820	4 0	795	28 0

Period.	Chemical Preparations.		Cotton and Cotton Refuse or Seeds.		Cotton, Wool, Hemp, Rags, &c., Pressing.		Dammer, Tar or Pitch.		Fat and Tallow.		Fins.		Fish (Dried).		Fireworks (Retail).	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897	200	..	30	..	..	..	20	..	15	..	..	..	..	..	..	..
May "	125	..	60	..	..	..	..	..	15	..	..	..	..	..	15	0 8
June "	825	1 8	345	2 8	..	..	10	..	15	0 8	..	..	..	..	5	0 8
July "	350	1 8	195	3 8	..	..	10	0 8	..	..	..	..	..	..	10	0 8
August "	100	..	270	2 8	..	..	..	..	15	..	..	..	..	..	..	..
September "	..	..	345	5 8	..	..	20	..	30	..	..	..	..	..	20	..
October "	50	..	165	1 8	..	..	..	..	..	..	..	..	..	..	645	..
November "	50	..	300	3 0	..	..	10	..	45	..	15	..	..	..	20	1 0
December "	25	..	210	5 8	..	..	20	1 0	15	0 8	..	..	115	..	5	..
January 1898	25	..	180	3 0	..	..	110	7 0	15	0 8	105	..	280	0 8	10	..
February "	..	..	120	4 8	225	..	20	2 0	..	..	60	2 0	75	1 8	..	..
March "	50	0 8	15	0 8	..	..	80	4 0	15	..	..	..	..	..	..	..
Total..Rs.	1,800	3 8	2,285	29 0	225	..	300	14 8	180	1 8	180	2 0	470	2 0	730	2 8

Period.	Fireworks (Wholesale).		Firewood Bundles (Retail).		Firewood (Wholesale).		Gas (Manufacturing).		Gunpowder (Retail).		Gunpowder (Wholesale).		Raw Skin and Wool Storing and Pressing.		Hides & Skins (Raw)	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897.....	..	..	..	..	..	..	..	..	..	..	100	..	..	..	50	..
May "	150	..	12	..	70	..	..	..	70	..	450	..	..	..	..	..
June "	100	..	118	..	980	4 0	..	..	35	0 8	150	1 8	..	..	..	..
July "	15	..	98	0 8	1,480	8 0	..	..	20	1 0	..	..	..	..	..	..
August "	45	..	76	1 0	1,730	14 8	50	..	5	..	..	..	..	..	..	..
September "	115	1 0	60	..	910	10 0	..	..	..	..	..	..	910	..	550	..
October "	..	..	24	1 0	430	10 8	..	..	..	..	..	..	520	..	100	..
November "	75	0 8	86	3 8	480	14 0	..	..	..	..	..	..	130	0 8	..	..
December "	..	..	28	..	480	6 0	..	..	..	..	..	..	650	2 8	..	..
January 1898.....	..	..	46	3 8	455	10 8	..	..	..	..	..	..	130	1 0	..	..
February "	..	..	12	2 0	230	8 0	..	..	..	..	..	..	..	..	..	..
March "	..	..	8	2 0	85	3 8	50	..	..	..	..	..	..	..	..	..
Total..Rs.	450	1 8	568	13 8	7,260	89 0	100	..	130	1 8	700	1 8	2,340	4 0	700	..

Period.	Hides & Skins (Dried).		Horns and Hoofs.		Hay, Straw and Grass.		Kerosine Oil (Retail).		Kerosine Oil (Wholesale).		Lime for Burning.		Matches (Retail).		Matches (Wholesale).	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897.....	15	..	..	..	..	..	45	..	200	..	..	..	25	..	20	..
May "	..	..	..	..	25	..	110	..	400	..	..	..	5	..	40	..
June "	..	..	..	..	85	..	1,040	8 0	400	..	..	..	50	0 8	..	..
July "	..	..	..	..	140	1 0	1,005	14 0	600	..	..	..	40	1 0	..	..
August "	30	1 0	..	..	20	..	775	15 8	100	..	80	..	15	0 8	..	..
September "	15	..	..	..	15	..	745	20 8	100	..	60	..	65	..	..	..
October "	..	..	..	..	..	..	405	19 0	100	0 8	50	..	30	1 8	..	..
November "	..	..	440	..	..	..	565	23 8	200	..	100	1 0	35	0 8	..	..
December "	180	..	155	3 0	5	..	435	8 8	..	..	50	0 8	15	0 8	..	..
January 1898.....	45	1 0	100	3 0	195	..	300	8 8	..	..	50	1 0	55	..	20	..
February "	15	1 8	..	..	2255	17 8	140	15 0	100	..	150	3 0	15	0 8	..	..
March "	..	..	..	..	760	17 0	80	7 8	..	..	150	1 8	30	3 0	10	..
Total..Rs.	309	3 8	695	6 0	4,100	35 8	5,625	140 0	2,200	0 8	650	7 0	380	8 0	90	..

Period	Metal (Casting).		Oil (Ghanies) Mill.		Oil Mills Prepared by Mechanical Power.		Oils (Vegetable).		Petroleum Oil (Retail).		Petroleum Oil (Wholesale).		Paper (Manufacturing).		Pottery (Manufacturing).	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897.....	50	..	..	..	..	..	237	..	10	..	..	..	..	..	..	..
May "	50	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..
June "	270	2 8	37	1 8	..	..	695	1 8	48	0 8	25	..	..	..	..	..
July "	305	3 0	42	5 0	75	..	462	7 8	..	..	75	..	..	..	..	..
August "	100	2 8	285	17 8	..	..	212	0 8	..	..	..	..	..	..	5	..
September "	180	4 0	115	7 0	..	..	367	2 8	..	..	..	..	15	..	..	..
October "	165	5 0	44	5 0	..	..	232	2 8	..	..	..	..	..	..	..	..
November "	195	8 8	126	0 8	..	..	583	4 0	8	..	..	..	..	..	..	..
December "	45	3 8	45	2 8	..	..	370	1 0	..	..	..	..	..	..	..	..
January 1898.....	45	2 0	42	2 0	..	..	174	2 0	3	..	..	..	..	..	95	0 8
February "	70	2 8	19	3 0	..	..	65	2 8	..	..	..	..	..	..	25	2 8
March "	15	..	5	0 8	..	..	282	2 8	5	0 8	..	..	..	..	5	0 8
Total..Rs.	1,550	38 8	790	44 8	75	..	3,719	26 8	74	1 0	100	..	15	...	130	3 8

Period.	Rags.		Rangoon or Burmah Oil.		Rosin.		Saltpetre.		Sulphur (Retail).		Sulphur (Wholesale).		Silk (Dyeing).		Soap (Manufacturing).	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs. a.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897.....	30	..	..	..	..	..	35	..	30	..	105	..	..	..	..	..
May "	..	..	..	..	..	..	..	..	15	..	45	..	..	..	15	..
June "	..	..	20 0	..	..	..	30	0 8	90	1 0	15	..	65	..	..	..
July "	..	..	7 8	..	..	..	5	..	15	1 0	15	0 8	10	0 8	15	..
August "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60	0 8
September "	..	..	..	..	..	..	..	..	35	..	..	..	..	..	..	..
October "	..	..	..	..	..	..	..	..	5	..	..	..	15	..	..	..
November "	..	..	..	..	..	..	10	..	15	0 8	..	..	15	..	45	1 8
December "	..	..	..	..	10	0 8	..	..	..	..	..	..	5	0 8	30	0 8
January 1898.....	..	..	..	..	20	1 8	..	..	..	..	..	..	..	..	15	0 8
February "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March "	..	..	..	..	26	2 8	..	..	5	0 8	..	..	..	..	..	..
Total..Rs.	30	..	27 8	..	56	4 8	80	0 8	200	3 0	180	0 8	110	1 0	180	3 0

Period.	Stable for Horses.		Stable for Milch Cattle.		Stable for Bullocks.		Tiles, Hand-made.		Timber.		Turpentine (Retail).	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.
April 1897	..	..	..	..	..	..	..	..	30	..	50	..
May "	595	4 0	1,220	3 8	195	1 0	..	..	5	..	30	..
June "	780	5 8	1,055	6 8	275	3 8	..	..	360	1 0	285	5 0
July "	440	3 8	420	1 0	60	1 0	..	..	320	8 0	45	2 8
August "	125	..	120	1 0	45	0 8	..	..	620	10 8	25	..
September "	215	3 8	..	..	10	..	..	..	705	19 8	20	..
October "	60	..	75	..	..	..	..	..	525	27 0	15	1 0
November "	30	8	140	..	15	..	..	..	1,965	38 0	20	0 8
December "	..	..	170	0 8	5	..	..	..	1,155	32 0	5	..
January 1898	280	1 0	20	1 0	10	1 8	..	..	665	21 8	20	..
February "	80	0 8	..	..	10	1 8	5	..	295	19 0	5	0 8
March "	50	..	..	..	..	..	..	..	85	4 0	10	1 0
Total .. Rs.	2,655	19 8	3,220	13 8	625	9 0	5	..	6,930	180 8	630	10 8

Period.	Turpentine (Wholesale).		Wool.		Waste Papers.		Whistle (Steam).		TOTAL OF EACH MONTH.	
Official Year 1897-98.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.	License Fee.	Process Fee.
	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs.	Rs. a.	Rs. a.	Rs. a.
April 1897	60	..	135	..	..	..	40	..	1,552 0	..
May "	45	..	165	..	1	..	30	..	4,083 0	9 0
June "	..	..	240	..	1	0 8	10	..	3,501 0	50 8
July "	15	..	150	3 8	1	0 8	20	..	6,985 8	77 0
August "	..	..	60	2 8	2	..	30	..	5,480 0	75 8
September "	..	..	30	..	13	..	40	..	6,220 0	77 0
October "	..	..	30	1 0	5	0 8	..	..	3,830 0	81 8
November "	..	..	150	1 8	9	2 8	..	..	6,462 0	112 8
December "	..	..	285	1 8	5	..	..	..	4,796 0	82 0
January 1898	..	..	105	3 0	1	0 8	..	..	4,561 0	80 0
February "	..	..	60	2 8	..	..	..	..	4,658 0	105 0
March "	..	..	..	..	..	..	..	..	1,890 0	65 8
Total .. Rs.	120	..	1,410	15 8	36	4 8	170	..	69,099 8	805 8

B.

YEARLY Total of License Fees (with Process Fees) recovered during 1897-98.

Nature of Trade.	License Fee.		Process Fee.	
	Rs.	a.	Rs.	a.
Bones	75	0	0	8
Bricks (Hand-made)	170	0	4	8
Candles (Manufacturing)	10	0	.....	
China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow	315	0	2	0
Charcoal	600	0	21	0
Coal and Coke	890	0	4	8
Cloths in Indigo, Dyeing	820	0	4	0
Do. in other Colours, Dyeing	795	0	28	0
Chemical Preparations	1,800	0	3	8
Cotton, and Cotton Refuse or Seeds	2,235	0	29	0
Cotton, Wool, Hemp, Rags, &c., Pressing ...	225	0	.....	
Dammer, Tar or Pitch	300	0	14	8
Fat and Tallow	180	0	1	8
Fins	180	0	2	0
Fish (Dried)	470	0	2	0
Fireworks (Retail)	730	0	2	8
Do. (Wholesale)	450	0	1	8
Firewood Bundles (Retail)	568	0	13	8
Do. (Wholesale)...	7,260	0	89	0
Gas (Manufacturing)	100	0	.....	
Gunpowder (Retail)	130	0	1	8
Do. (Wholesale)	700	0	1	8
Raw Skins, and Wool, Storing, and Pressing...	2,340	0	4	0
Hides and Skins (Raw)	700	0	.....	
Do. (Dried)	300	0	3	8
Horns and Hoofs	695	0	6	0
Hay, Straw and Grass	4,100	0	35	8
Kerosine Oil (Retail)	5,625	0	140	0
Do. (Wholesale)	2,200	0	0	8
Lime for Burning	650	0	7	0
Matches (Retail)	880	0	8	0
Do. (Wholesale)	90	0	.....	
Metal (Casting)	1,550	0	33	8
Oil (Ghanees) Mills	790	0	44	8
Oil Mills Prepared by Mechanical Power ...	75	0	.....	
Oil, Vegetable...	3,719	0	26	8
Petroleum Oil (Retail)	74	0	1	0
Do. (Wholesale)	100	0	.....	
Paper (Manufacturing)	15	0	.....	
Pottery (Manufacturing)	120	0	3	8
Carried over... Rs.	.....		.....	

Nature of Trade.	License Fee.	Process Fee.
	Rs. a.	Rs. a.
Brought forward... Rs.	.....	.....
Rags	30 0	.....
Rangoon or Burmah Oil	27 8	.....
Rosin	55 0	4 8
Saltpetre	80 0	0 8
Sulphur (Retail)	200 0	3 0
Do. (Wholesale)	180 0	0 8
Silk (Dyeing)	110 0	1 0
Soap (Manufacturing)	180 0	3 0
Stable for Horses	2,655 0	19 8
Do. Milch Cattle	3,220 0	13 8
Do. Bullocks	625 0	9 0
Tiles (Hand-made)	5 0	.....
Timber	6,930 0	180 8
Turpentine (Retail)	530 0	10 8
Do. (Wholesale)	120 0	.....
Wool	1,410 0	15 8
Waste Paper	36 0	4 8
Whistle (Steam)	170 0	.....
Grand Total... Rs.	59,099 0	805 8

C.

STATEMENT showing the Amount of License Fee (with Process Fee) for 1896-97 recovered in 1897-98.

Months.	License Fee.	Process Fee.
1897.	Rs.	Rs. a.
April	3,106	125 8
May	1,184	78 0
June	182	10 0
July	20	2 0
December	75	1 8
1898.		
January	75	1 0
Total... Rs.	4,642	218 0

Summary of Income for 1897-98.

Official Year during which Collection was made.	License Fees.		Process Fees.		Remarks.
	Rs.	a.	Rs.	a.	
Income for 1896-97 collected during the official year 1897-98	4,642	0	218	0	*Vide* Statement marked **C**.
Income for 1897-98 collected from 1st April 1897 to 31st March 1898	59,099	8	805	8	*Vide* Statements marked **A** and **B**.
	63,741	8	1,023	8	
Outstanding for 1897-98 collected up to the date of this report	35	0	2	0	
Total Rs. ...	63,776	8	1,025	8	

3.—MARKETS.

1. The total amount of stallages from the different Municipal markets, recoverable every quarter or half-year under the terms of sections 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 46,734, which had increased to Rs. 47,205 at the closing of the year, as detailed below :—

Names of Markets.	Rents per quarter as appearing at the opening of the year.	Rents per quarter as appearing at the closing of the year.	Increase.	Decrease.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	
Colaba Market	305	305	...	...	
Fort do. ...	4,676	4,676	...	...	Half-yearly.
A. C. Fruit & Vegetable Market...	14,510	14,542	32	...	
Do. Fish and Mutton Market...	2,625	2,614	...	11	
Do. Mutton Market (new)...	947	947	...	...	
Do. Beef Market ...	2,528	2,528	...	...	
Godowns	1,628	1,628	...	...	
Fowl rooms	825	825	...	...	
Erskine Road Fruit and Vegetable Market(old)	6,242	6,233	...	9	
Do. do. (new)...	2,523	2,503	...	20	
Do. Mutton Market.	2,577	2,530	...	47	
Bhuleshwar Market ...	4,024	3,395	...	629	
Pedder do. ...	464	464	...	...	
Foras Road do. ...	345	345	...	...	
Pork do. ...	100	100	...	...	Yearly.
DeLisle Road Sheep Market	2,415	3,570	1,155	...	Half-yearly.
Total ...	46,734	47,205	1,187	716	

2. The total amount of market fees (exclusive of departmental squatters' fees and those recovered from the contractors) collected during the year under report from all the markets on the basis of the scale shown above amounted to Rs. 1,37,898 against Rs. 1,42,598-8-0 in the previous year, showing a decrease of Rs. 4,700-8-0, which is partly due to vacancy of stalls. The decrease would have been very large, as an abatement of one month's rent in the first quarter of the year, amounting to Rs. 9,192, was allowed in some of the markets as per Standing Committee's Resolution No. 14700 of 31st March 1897; but the financial results were greatly redeemed by the high bids for the pens at the DeLisle Road Sheep Market and the stalls in the new Bhuleshwar Market which were all put up to auction during the year under report. The following is the explanatory statement, which will show in detail the abatement of one month's rent allowed, as also the difference in stall

rents on account of the total or partial vacancy of stalls or the difference on account of the subsequent alterations in stall rents :—

Name of Markets.	Annual rent recoverable as based on the quarterly or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Decrease on account of abatement of one month's rent.	Net Increase.	Net Decrease.	Actual amount recovered during the year (difference of columns 2, 7 and 8).	REMARKS.
		Increase.	Decrease.	Decrease.					
1	2	3	4	5	6	7	8	9	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,920 0 0	....	....	605 10 0	49 0 0	....	654 10 0	565 6 0	* These amounts were for the last quarter of 1896-97, but recovered during the year under report and credited in the accounts for 1897-98, as the stall-holders were away from Bombay on account of plague with their stalls blocked up.
								* 20 0 0	
Fort Market	9,707 0 0	....	....	2,498 12 0	....	....	2,498 12 0	6,778 4 0	
J. J. Fruit & Vegetable Market	58,040 0 0	....	194 0 0	3,869 11 4	4,263 10 8	....	8,328 6 0	49,713 10 0	
								* 39 0 0	
Do. Fish and Mutton Market ..	10,500 0 0	....	11 0 0	2,731 12 0	564 10 8	....	3,307 6 8	6,692 9 4	
Do. Mutton Market (new) ..	3,738 0 0	....	....	760 10 0	224 5 4	....	984 15 4	2,803 0 8	
Do. Beef Market	10,113 0 0	....	....	28 4 0	829 5 4	....	856 9 4	9,256 6 8	
Godowns	6,512 0 0	....	....	300 0 0	....	....	300 0 0	6,212 0 0	
Fowl rooms	3,300 0 0	....	....	49 8 0	....	....	49 8 0	3,250 8 0	
Kraitne Road Fruit and Vegetable Market (old) ..	24,988 0 0	....	9 0 0	1,807 13 4	1,786 0 0	....	3,603 13 4	21,385 2 8	
								* 12 0 0	
Do. do. (new) ..	10,092 0 0	....	80 0 0	4,554 0 8	412 5 4	....	5,046 10 0	5,045 10 0	
Do. Mutton Market ..	10,808 0 0	....	47 0 0	2,980 0 0	634 10 8	....	3,661 10 8	† 3 9 4	† Short recovery of the 2nd quarter recovered in the 3rd quarter, as per R. & R. Audit Officer's No. 2234 of 20th Oct. 1897 and Dy. Commissioner's No. 18452 of 21st Oct. 1897.
								6,616 5 4	
Bhuleshwar Market	16,008 0 0	....	1,031 8 0	2,914 5 4	429 0 0	....	4,374 13 4	11,721 2 8	
Pedder Market	1,846 0 0	....	....	884 0 0	....	....	884 0 0	1,962 0 0	
Foras Road Market	1,380 0 0	....	....	957 12 0	....	....	957 12 0	423 4 0	
Port Market	100 0 0	....	....	....	....	....	....	100 0 0	
Dolisle Road Sheep Market ..	4,330 0 0	1,155 0 0	....	....	....	1,155 0 0	....	5,985 0 0	
Total ..	1,72,099 0 0	1,155 0 0	1,372 8 0	24,870 2 8	9,182 0 0	1,155 0 0	35,434 10 8	1,37,819 5 4	
								78 10 8	

3. The amount of stall rents in detail during the year under report contrasted with those for the previous four years is as under :—

Names of Markets.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	Difference as compared with 1896-97.	
						Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	.....	.....	*615 12 0	384 4 0	585 6 0	201 2 0	.....
Fort Market	7,327 8 0	7,377 0 0	7,323 8 0	7,291 8 0	6,778 4 0	.....	513 4 0
A. C. Fruit and Vegetable Market	53,368 8 0	53,378 14 8	53,071 2 8	53,595 6 0	49,752 10 0	.....	3,842 12 0
Do. Fish and Mutton Market	10,584 8 0	8,128 8 0	8,288 10 0	7,626 6 0	6,692 9 4	.....	933 12 8
Do. Mutton Market (new).		3,185 9 0	3,234 8 0	3,157 8 0	2,803 0 8	.....	354 7 4
Do. Beef Market	9,734 0 0	10,000 12 0	10,040 4 0	10,079 4 0	9,256 6 8	.....	822 13 4
Godowns	5,714 0 0	5,820 6 0	5,460 0 0	6,048 0 0	6,212 0 0	164 0 0	.....
Fowl rooms	3,309 0 0						
Erskine Road Fruit and Vegetable Market (old) ...	23,586 0 0	23,319 4 0	23,280 4 0	23,207 0 0	23,250 8 0	43 8 0	.....
Do. do. (New) ...	8,019 10 8	23,889 6 0	23,631 14 8	22,743 12 0	21,377 2 8	.....	1,366 9 4
Do. Mutton Market ...	7,809 5 4	7,583 4 8	7,883 12 0	7,182 2 0	5,049 3 4	.....	2,132 14 8
Bhuleshwar do. ...	6,183 0 0	7,793 15 0	7,630 0 0	7,869 8 0	6,650 6 8	.....	1,219 1 4
Pedder Market	1,051 0 0	6,424 2 8	6,588 9 4	6,281 10 0	11,721 2 8	5,439 8 8	.....
Foras Road Market... ...	1,071 5 4	1,221 0 0	1,242 8 0	1,696 0 0	1,262 0 0	.....	434 0 0
Pork Market...	100 0 0	630 6 0	502 12 0	506 4 0	422 4 0	.....	84 0 0
DeLisle Road Sheep Market	.....	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....
		*2,415 0 0	4,830 0 0	4,830 0 0	5,985 0 0	1,155 0 0	.....
Total ...	1,37,857 13 4	1,41,267 8 0	1,43,723 8 8	1,42,598 8 0	1,37,898 0 0		
Increase over preceding year's rent...	.....	3,409 10 8	2,456 0 8	.....	.....		
Decrease over preceding year's rent	395 6 8	... ..	.....	1,125 0 8	4,700 8 0		

* New

4. The squatters' fees, scale fees, and the fair ground rent and feeding fees recovered from the contractors during the year under report amounted to Rs. 81,045 against Rs. 99,055 in the previous year, showing a deficit of Rs. 18,010. Taking into consideration the state of business in the markets, which had been very slack throughout the year on account of the plague, I consider the total amount realized fair. In the following statement is contrasted in detail the amount recovered during the year under report with those in the previous four years :—

Particulars.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	Difference as compared with 1896-97.	
						Increase	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Fort Market	1,500	1,650	1,650	1,650	1,500	...	150
A. C. Beef and A. C. Fish and Mutton Markets ...	7,000	7,325	7,325	7,325	5,200	...	2,125
Erskine Road Fish Market	16,600	16,750	17,200	17,600	13,900	...	3,700
Pedder Market	1,575	1,560	1,250	1,550	1,175	...	375
Foras Road Market ...	...	...	...	130	70	...	60
Colaba Market	...	...	1,000	1,200	900	...	300
Squatters' fees—Total ...	26,675	27,285	28,425	29,455	22,745		
Scale fees at the A. C. Markets	4,100	4,100	4,100	4,100	4,100		
Fair ground rent and feeding fees at Bandora.	55,100	57,000	59,100	65,500	54,200	...	11,300
GRAND TOTAL ...	85,875	88,385	91,625	99,055	81,045		
Increase over preceding year's amount	...	2,510	3,240	7,430	...		
Decrease over preceding year's amount	1,100	...	...	...	18,010		

5. The squatters' fees collected departmentally during the year amounted to Rs. 2,423-7-6 against Rs. 2,767-13-0 in the previous year, showing a deficit of Rs. 344-5-6. The following is the detailed statement:—

Names of Markets.	1896-97.	1897-98.	Difference.	
			Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort Market...	1 14 0	55 12 0	53 14 0	.....
A. C. Fruit and Vegetable Market	169 3 0	227 12 6	58 9 6	.....
Erskine Road Fruit and Vegetable Market ...	933 9 9	1,169 13 9	236 4 0	...
Bhuleshwar Market ...	1,655 0 3	921 2 3	.....	733 14 0
Pedder Market	2 0 0	.....	.....	2 0 0
Foras Road Market ...	0 4 0	2 12 0	2 8 0	.....
Colaba Market	5 14 0	46 3 0	40 5 0	.....
Total ...	2,767 13 0	2,423 7 6	391 8 6	735 14 0

6. It will be observed on reference to the above statement that the large item of decrease is in the collection from the Bhuleshwar Market. This is due to many vegetable dealers, who were the daily squatters in the old Bhuleshwar Market, having taken up stalls in the new market on the quarterly rentals.

7. The revenue from other sources, comprising the following heads, was Rs. 2,384-2-6 against Rs. 5,255-12-6 in the previous year, as detailed against each head in the following statement:—

Particulars.	1896-97.	1897-98.	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Verifying weights and measures	1,800 12 0	1,817 4 0	16 8 0	.....
Garden produce	68 15 9	24 1 0	.....	44 14 9
Prices current	188 7 0	156 10 6	.....	31 12 0
Sale proceeds of meat or animals seized under section 412 (2) ...	30 0 0	25 9 0	.....	4 7 0
Contributions from private market owners	3,076 0 0	258 0 0	.....	2,818 0 0
Sale proceeds of manure ...	58 0 0	77 10 0	19 10 0	... ..
Recovery of gas	15 0 0	15 0 0	.....	.....
Fee for producing office records	.....	10 0 0	10 0 0	.....
For attending courts, inspection fees, &c. ...	15 0 0	.....	.....	15 0 0
Miscellaneous	3 9 9	.....	.....	3 9 9
Total ...	5,255 12 6	2,384 2 6	46 2 0	2,917 12 0

8. The decrease of Rs. 2,818 in contribution from private market owners is due to all the private markets having been licensed for the first time during the year under report, and the license fees for the whole year in advance recovered from each of them as per the scale fixed by the Corporation in lieu of the monthly contribution. These fees, amounting to Rs. 4,691, have been credited under the head of "License fees."

Slaughter Fees, Butchers' License Fees, &c.

9. The total collection under these heads amounted to Rs. 1,50,251-8-0 against Rs. 1,45,763-12-0 in the previous year, showing an increase of Rs. 4,487-12-0, as detailed below:—

Particulars.	1896-97.	1897-98.	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Slaughter fees	1,28,014 12 0	1,28,679 8 0	664 12 0	.....
License fees	11,779 0 0	15,909 0 0	4,130 0 0	.....
Carriage of meat for Commissariat contractor ...	48 0 0	48 0 0	.....	.....
Ground rent	66 0 0	72 0 0	6 0 0	.....
Chawl rent	2,476 0 0	2,138 0 0	.....	338 0 0
Revenue from toddy trees	.....	40 0 0	40 0 0	.....
Total ...	1,42,383 12 0	1,46,886 8 0	.....	.....
Amount paid direct into the Chief Accountant's Office	.....	.....	.....	.....
Rent from the Commissariat Department ...	3,000 0 0	3,000 0 0	.....	.....
Do. Brigadier-General	200 0 0	200 0 0	.....	.....
Proceeds of blood from the contractor K. D. Framji	180 0 0	165 0 0	.....	15 0 0
Total ...	3,380 0 0	3,365 0 0		
GRAND TOTAL ...	1,45,763 12 0	1,50,251 8 0		

10. The increase of Rs. 4,130 in license fees in the above statement is due to all the private markets having been licensed for the first time during the year under report, as explained in para. 8. The other item of increase is under the head "Slaughter fees," and it is due to a greater number of animals (sheep and goats) slaughtered for Bombay markets during the year under report than in the preceding year, as shown below. The increase would have been very large, but the greater part of the increase was absorbed by a heavy reduction in the number of cattle slaughtered. In Appendix **A** is shown in detail the number of animals slaughtered, removed for private slaughter &c., each

month during the year under report, and the amount of fees levied thereon :—

Description of Animals.	1896-97.	1897-98.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Buffaloes	2,689	2,498	...	191
Cows, bullocks, and calves ...	35,166	29,143	...	6,023
Sheep and goats	4,52,969	5,41,641	88,672	.....

11. Thus the total collection under all the heads detailed above amounted to Rs. 3,74,017-2-0 against the previous year's collection of Rs. 3,95,440-13-6 and the estimated amount of Rs. 3,88,000, which is exclusive of the probable cost of feeding charges (about Rs. 20,000) paid out of the fair ground rent and feeding fees recovered from the Bandora contractor. The following is the general abstract :—

Particulars.	1897-98.			1896-97.		
	Rs.	a.	p.	Rs.	a.	p.
Stall rents	1,37,898	0	0	1,42,598	8	0
Squatters' fees from contractors... ...	22,745	0	0	29,455	0	0
Do. (departmental) ...	2,423	7	6	2,767	13	0
Fair ground rent and feeding fees from the contractor	54,200	0	0	65,500	0	0
Slaughter fees	1,28,679	8	0	1,28,014	12	0
License fees from butchers, private marketowners &c.	15,909	0	0	11,779	0	0
Scale fees (A. C. Markets compound) ...	4,100	0	0	4,100	0	0
Verifying weights and measures	1,817	4	0	1,800	12	0
Proceeds of blood	165	0	0	180	0	0
Rent from the Commissariat Department.	3,000	0	0	3,000	0	0
Rent, rifle ranges (Brigadier-General) ...	200	0	0	200	0	0
Ground rent	72	0	0	66	0	0
Chawl rent	2,138	0	0	2,476	0	0
Prices current	156	10	6	188	7	0
Garden produce	24	1	0	68	15	9
Recoveries for the use of gas light ...	15	0	0	15	0	0
Do. for carriage of meat from Commissariat contractors	48	0	0	48	0	0
Sale proceeds of meat or animals seized under section 412 (2)	25	9	0	30	0	0
Contribution from private marketowners.	258	0	0	3,076	0	0
Sale proceeds of manure	77	10	0	58	0	0
Fee for producing office record	10	0	0	.....		
Do. for attending courts, inspection fees, &c.	.....			15	0	0
Miscellaneous	.....			3	9	9
Revenue from toddy trees, Bandora ...	40	0	0	.....		
Total ...	3,74,002	2	0	3,95,440	13	6

12. It will be observed, on reference to the above, that the decrease under all the heads amounted to Rs. 21,438-11-6, and the cause for the same has been explained in the foregoing paras. under the respective heads. The following table will show the revenue of each of the last 10 years:—

	Rs.	a.	p.
1888-89	3,22,517	6	8
1889-90	3,29,170	3	9
1890-91	3,48,106	5	7
1891-92	3,63,781	8	3
1892-93	3,77,527	4	6
1893-94	3,80,324	13	5
1894-95	3,92,261	13	0
1895-96	4,03,356	12	8
1896-97	3,95,440	13	6
1897-98	3,74,002	2	0

13. During the year under report 2,764 buffaloes, 35,600 horned cattle, and 627,312 sheep and goats were brought on the Bandora Fair ground for examination, out of which 263 buffaloes, 3,711 horned cattle, and 49,675 sheep and goats were found unfit for slaughter on inspection, and were consequently rejected as detailed below. The remainder were either slaughtered for the markets or were otherwise disposed of, the details of which are shown in Appendix **A**:—

Month.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheep and goats.	Buffaloes.	Horned cattle.	Sheep and goats.
1897.						
April	150	2,779	36,439	7	224	2,675
May	167	3,478	55,067	17	596	3,917
June	281	2,214	55,365	32	425	6,115
July	298	2,252	51,443	38	371	4,742
August	337	2,433	50,768	40	320	5,919
September	262	2,548	60,477	30	287	5,989
October	260	3,108	60,967	31	141	5,966
November	211	2,740	53,268	19	236	3,413
December	240	3,317	57,311	16	382	2,084
1898.						
January	191	3,890	51,428	16	312	3,128
February	178	3,285	46,304	8	175	3,104
March	189	3,556	48,475	9	242	2,623
Total	2,764	35,600	6,27,312	263	3,711	49,675

Refunds.

14. The total amount of refunds for which certificates were granted on account of slaughter fees in respect of the animals which were removed from the slaughter-houses compound for shipping requirements was Rs. 811-8-0, the details of which are as under :—

Number of cows or bullocks removed.	Amount of refund.	Number of sheep and goats removed.	Amount of refund.	Total amount of refund.
	Rs. a. p.		Rs. a. p.	Rs. a. p.
14	70 0 0	1,483	741 8 0	811 8 0

15. A few remarks on the introduction of the refund system for the first time are here necessary. Since no slaughter fee is leviable under the Municipal Act and the Bye-laws on all those animals that are not to be slaughtered within the Bombay Harbour, the parties applying for the removal of animals from the slaughter-houses compound for shipping requirements were exempted from the payment of the usual amount of the slaughter fee in all previous years. This right was abused by several unlicensed fadkaries and other individuals who had made it their business to apply for the removal of animals under the pretence that they were to be used as sea-stock on voyage and then to dispose of them to private individuals, thus evading the slaughter fee of Rs. 5 on each head of cattle and eight annas for sheep or goat. In order to put a stop to this practice the present system has been introduced, the object of which is to allow the removal of animals on payment of the usual fees, which to be refunded on application and on the production of a written certificate from the officers commanding the vessels to the effect that the animals in question were received on board the ship to be used as sea-stock. In the year 1895-96, 89 cattle and 2,820 sheep and goats and in 1896-97, 61 cattle and 4,980 sheep and goats were allowed to different parties free of any fee against those shown in the above statement, to which may be added about 600 animals the applications for which are under inquiry. These figures speak for themselves that the new refund system is a check to a great extent over the illicit slaughter, and clearly show to what extent the Municipality was defrauded in the two previous years.

16. The quantity of unwholesome food destroyed during the year under report as unfit for human consumption, under the provisions of sections 415 and 416 of the Act, was 120,901 lbs. against 1,22,075 lbs. in the previous year, as detailed below :—

Description of articles.	Quantity in lbs. destroyed in 1897-98.	Quantity in lbs. destroyed in 1896-97.	Remarks.
Mutton	60,758	48,247	Destroyed at Bandora.
Beef	7,458	34,132	
Mutton	2,338	1,384	Destroyed in Bombay.
Beef	25,130	11,277	
Fish	14,276	19,793	
Fruit	4,163	1,980	
Vegetables	741	322	
Corn	36	...	
Sweetmeat	84	...	
Coorla beef	5,817	4,854	
Pork	100	86	
Total ..	120,901	122,075	

17. In Appendix **B** is shown in detail the convictions obtained for bringing diseased meat from Coorla in contravention of section 412 and for the infringement of the other sections of the Act and the Bye-laws during the year under report. The total amount of fines inflicted was Rs. 1,014 against Rs. 416 in the previous year.

General Remarks.

18. During the year under report the fruit and vegetable supply was plentiful and cheap. The beef and mutton supply was also fairly good. The following figures will show the quantity and varieties of fruit imported into the Bombay markets during the year under report compared with those in the previous year:—

Articles.	Number of baskets in 1897-98.	Number of baskets in 1896-97.
Pomegranates	8,668	7,231
Moosoombi	11,978	2,669
Apples	5,183	2,123
Mangoes	5,862	522
Oranges	9,602	.....
Grapes	2,355	2,626

19. The new Bhuleshwar Market was completed and occupied from 1st May 1897. It has in all 164 stalls, which were all put up to auction by the Municipal Auctioneers, Messrs. Meherji, Johnstone & Company, as is invariably done on the opening of a new market. The competition at the sale was very keen, both among the old stall-holders and the outsiders, and the bids went up very high. The total amount per quarter thus realized was Rs. 4,024 for all the stalls, being an average of about Rs. 24-8-0 per stall against the average of Rs. 13 in the old market. But in the following quarter more than half the number of stalls was vacated in consequence of their high rentals, and they were all again put up to auction departmentally, with the result that they fetched much less amount than the original rentals. Even at the close of the year many stalls remained vacant, and there were no buyers for them even at less rentals, as most of their customers in the neighbourhood of the market had left Bombay on account of the plague. Since an abatement of one month's rent was sanctioned to be allowed to the stall-holders of the old market, they were allowed to occupy their stalls free of rent for the month of April 1897 in the old market.

20. There is no occasion for me to dwell upon the difficulties with which I had to contend during the year under report in again having to keep all the stall-holders of the various markets in the city in hand on account of the plague, as the Commissioner is well aware of the same. During the trying period in question, I have to bring to the notice of the Commissioner that Messrs. Saunders and Evans, of the Bandora Abattoires, performed their duties most satisfactorily. Mr. Sullivan, the Meat Inspector, and the Sub-Inspectors have also worked well. The Head Clerk and Accountant, Mr. Burjorji Rastamji, of this office has been of great assistance to me in the performance of his duties during the year under report.

Appendix A.

STATEMENT showing the number of animals slaughtered, removed for private slaughter, &c., during the year 1897-98.

Description of Animals.	Months.												Total number of animals.	Total amount of slaughter fees.		
	April 1897	May 1897	June 1897	July 1897.	Aug. 1897	Sept. 1897	Oct. 1897	Nov. 1897	Dec. 1897	Jan. 1898	Feb. 1898	Mar. 1898		Rs.	a.	p.
Buffaloes	141	150	241	262	300	235	231	188	223	180	168	179	2,498	24,980	0	0
Cows	1,827	2,326	1,654	1,536	1,447	1,929	1,926	2,252	2,710	2,968	2,523	2,904	26,002	19,501	8	0
Bullocks	230	140	222	349	276	245	365	277	286	182	216	169	2,957	2,217	12	0
Calves	...	...	...	12	27	27	24	19	11	26	23	15	184	138	0	0
Sheep, goats, &c., for Bombay	32,511	41,636	42,175	41,688	43,225	50,380	45,772	40,561	49,041	46,171	38,547	37,643	509,350	63,668	12	0
Sheep, goats, &c., for Mahim	1,146	1,369	1,305	1,459	1,237	1,633	1,510	1,933	1,583	1,720	1,604	1,854	18,353	1,147	1	0
Sheep, goats, &c., for Bandora	965	1,333	1,166	1,230	1,209	1,315	1,216	1,038	1,222	1,226	1,079	939	13,938	871	2	0
Horned cattle slaughtered by Commissariat	144	167	163	186	182	168	175	141	160	175	177	182	2,020	1,010	0	0
Sheep, goats, &c., slaughtered by Commissariat	364	457	507	481	556	584	551	446	552	551	533	575	6,157	384	13	0
Pigs slaughtered at Sonapore	39	41	55	56	50	47	58	53	82	50	44	39	614	644	0	0
Live horned cattle brought to Bombay...	8	10	23	21	16	4	18	9	...	5	17	14	145	725	0	0
Live sheep, goats, &c., brought to Bombay ...	265	1,146	362	886	374	519	591	538	534	504	388	620	6,727	3,363	8	0
Live sheep, goats, &c., removed by DeLisle Road Sheep Market fadkarees...	726	2,737	1,098	2,268	1,602	989	2,092	1,519	2,511	2,118	1,104	1,892	20,056	10,028	0	0
														1,28,679	8	0

Appendix B.

Return of Convictions during the Year 1897-98.

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.			Remarks.
			Rs.	a.	p.	
1897.						
May 3rd ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	10	0	0	
„ 6th ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	10	0	0	
„ 23rd ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	5	0	0	
„ 25th ...	Do. do. do. ...	„ ...	.....			Warned and discharged on 20th Oct. 1897.
June 5th ...	Do. do. do. ...	„ ...	10	0	0	
„ 6th ...	Do. do. do. ...	„ ...	1	0	0	
„ „ ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	10	0	0	
„ 18th ...	Do. do. do. ...	„ ...	10	0	0	
„ 19th ...	Do. do. do. ...	„ ...	10	0	0	
„ „ ...	Do. do. do. ...	„ ...	1	0	0	
„ 25th ...	Do. do. do. ...	„ ...	4	0	0	
„ „ ...	Do. do. do. ...	„ ...	5	0	0	
„ „ ...	Do. do. do. ...	„ ...	1	0	0	
		„ ...	5	0	0	
		Carried over ...	122	0	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	Remarks.
		Brought forward ...	Rs. a. p. 122 0 0	
1897.			0 8 0	
June 26th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.		
	Do. do. do. ...	,, ...	0 8 0	
,, ,, ...	Do. do. do. ...	,, ...	0 8 0	
,, ,, ...	Do. do. do. ...	,, ...	1 0 0	
,, 27th ...	With bringing pork from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	,, ...	5 0 0	
July 4th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	,, ...	20 0 0	
,, 13th ...	Do. do. do. ...	,, ...	1 0 0	
,, ,, ...	Do. do. do. ...	,, ...	0 8 0	
,, ,, ...	Do. do. do. ...	,, ...	0 8 0	
,, ,, ...	Do. do. do. ...	,, ...	5 0 0	
,, 14th ...	Do. do. do. ...	,, ...	1 0 0	
,, 19th ...	With bringing mutton from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	,, ...	1 0 0	
,, ,, ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	,, ...	0 8 0	
,, ,, ...	Do. do. do. ...	,, ...	3 0 0	
,, ,, ...	Do. do. do. ...	,, ...	2 0 0	
,, 20th ...	Do. do. do. ...	,, ...	8 0 0	
,, ,, ...	Do. do. do. ...	,, ...	30 0 0	
,, 24th ...	Do. do. do. ...	,, ...		

,,	,,	...	Do.	do.	do.	...	,,	...	30 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	10 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	30 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	10 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	15 0 0	
,,	27th	...	With bringing mutton (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.				,,	...	5 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	.....	Warned and discharged on 11th Aug. 1897.
,,	28th	...	Do.	do.	do.	...	,,	...	.....	Do. do.
,,	,,	...	Do.	do.	do.	...	,,	...	10 0 0	
,,	22nd	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.				,,	...	5 0 0	
							,,	...	20 0 0	
Aug.	1st	...	Do.	do.	do.	...				
,,	,,	...	Do.	do.	do.	...	,,	...	10 0 0	
,,	6th	...	Do.	do.	do.	...	,,	...	5 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	30 0 0	
,,	,,	...	Do.	do	do.	...	,,	...	10 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	15 0 0	
,,	9th	...	Do.	do.	do.	...	,,	...	7 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	1 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0	
,,	18th	...	Do.	do.	do.	...	,,	...	3 0 0	
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0	
,,	15th	...	Do.	do.	do.	...	,,	...	.....	Warned and discharged on 8th Sept. 1897.
							,,	...	5 0 0	
							Carried over	...	439 0 0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	REMARKS.
			Rs. a. p.	
		Brought forward ...	439 0 0	
1897.			10 0 0	
Aug. 16th ...	With bringing mutton (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.		
" " ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	" ...	5 0 0	
" " ...	Do. do. do. ...	" ...	5 0 0	
" 17th ...	Do. do. do. ...	" ...	30 0 0	
" 21st ...	Do. do. do. ...	" ...	3 0 0	
" 19th ...	With selling mutton at Kamathipura without a license.	Section 411 (*b*) of Municipal Act III of 1888.		
" " ...	Do. do. do. ...	" ...	.....	Warned and discharged on 8th Sept. 1897.
			.....	Do. do.
" " ...	Do. do. do. ...	" ...	2 0 0	
" " ...	Do. do. do. ...	" ...	50 0 0	
" " ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.		
" 23rd ...	Do. do. do. ...	" ...	30 0 0	
	Do. do. do. ...	" ...	30 0 0	
" " ...	Do. do. do. ...	" ...	10 0 0	
" " ...	Do. do. do. ...	" ...	3 0 0	
" 27th ...	Do. mutton do. do. ...	" ...	3 0 0	
Sept. 4th ...	Do. do. do. ...	" ...	3 0 0	
" "	Do. do. do. ...	" ...	3 0 0	
" "	Do. do. do. ...	" ...	1 0 0	
" " ...	Do. do. do. ...	" ...	1 0 0	
" " ...	Do. do. do. ...	" ...		

,,	,,	...	Do.	do.	do.	...	,,	...	.....
,,	,,	...	Do.	do.	do.	...	,,	...	10 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	2 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	2 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	1 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	2 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	1 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	,,	...	With bringing mutton (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.				,,	...	3 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	5 0 0
,,	5th	...	Do.	do.	do.	...	,,	...	2 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	2 0 0
,,	,,	...	Do.	do.	do.	...	,,	...	3 0 0
,,	4th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.				,,	...	2 0 0
							,,	...	2 0 0
							Carried over	...	710 0 0

Warned and discharged.

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	REMARKS.
			Rs. a. p.	
		Brought forward ...	710 0 0	
1897.			7 0 0	
Sept. 4th ...	With bringing mutton (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.		
„ 15th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	15 0 0	
„ 30th ...	Do. do. do. ...	„ ...	.....	Warned on 13th Oct. 1897.
„ „ ...	Do. do. do. ...	„ ...	5 0 0	
„ „ ...	Do. do. do. ...	„ ...	.....	Warned on 13th Oct. 1897.
Oct. 8th ...	With bringing mutton (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	2 0 0	
„ 10th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	„ ...	5 0 0	
„ 16th ...	Do. do. do. ...	„ ...	1 0 0	
„ 17th ...	Do. do. do. ...	„ ...	3 0 0	
„ „ ...	Do. do. do. ...	„ ...	5 0 0	
„ 12th ...	For keeping in his stall in the Erskine Road Mutton Market short weights which have not been verified.	Clause XVIII, Chapter II, of new Bye-laws.	3 0 0	
„ „ ...	Do. do. do. ...	„ ...	7 0 0	
„ 28th ...	For keeping in his stall in Foras Road Mutton Market short weights which have not been verified.	„ ...	3 0 0	
„ 23rd ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	10 0 0	

"	"	...	Do. do. do.	...	"	...	2	0	0	
"	25th	...	Do. do. do.	...	"	...	30	0	0	
"	"	...	Do. do. do.	...	"	...	10	0	0	
"	"	...	Do. do. do.	...	"	...	10	0	0	
Nov.	1st	...	Do. do. do.	...	"	...	10	0	0	
"	"	...	Do. do. do.	...	"	...	5	0	0	
"	5th	...	For selling meat in Chakla Street without a license...		Section 411 (*a*) of Municipal Act III of 1888.		.....			Warned and discharged on 17th Nov. 1897.
"	10th	...	For selling (diseased) meat at 7th Kamathipura without a licence.				.....			Do. do.
"	"	...	Do. do. do.	...	"	...	1	0	0	
"	"	...	Do. do. do.	...	"	...	1	0	0	
"	9th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.		Section 412 of Municipal Act III of 1888.		30	0	0	
"	13th and 15th.		Do. do. do.	...	"	...	7	0	0	
"	16th	...	With bringing beef from Bandra into the City of Bombay without pass or permission from the Municipal Commissioner.		"	...	1	0	0	
Dec.	4th	...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.		"	...	5	0	0	
"	"	...	Do. do. do.	...	"	...	1	0	0	
"	15th	...	Do. do. do.	...	"	...	1	0	0	
"	10th	...	Do. do. do.	...	"	...	1	0	0	
"	"	...	Do. do. do.	...	"	...	1	0	0	
"	12th	...	Do. do. do.	...	"	...	30	0	0	
					Carried over	...	923	0	0	

Month and Date.	Nature of Offence.	Section of the Act.	Penalty inflicted.	Remarks.
1897.			Rs. a. p.	
		Brought forward ...	923 0 0	
Dec. 12th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	5 0 0	
„ 23rd ...	Do. do. do. ...	„ ...	20 0 0	
„ „ ...	Do. do. do. ...	„ ...	20 0 0	
„ „ ...	Do. do. do. ...	„ ...	1 0 0	
„ „ ...	Do. do. do. ...	„ ...	30 0 0	
1898.				
Feb. 6th ...	Do. do. do. ...	„ ...	1 0 0	
„ 18th ...	For keeping in her stall in the Erskine Road Fruit and Vegetable Market short weights which have not been verified and stamped.	Clause XVIII, Chapter II, of new Bye-laws.	1 0 0	
„ „ ...	For keeping in his stall in the Erskine Road Fruit and Vegetable Market short scale, &c., which have not been verified and stamped.	„ ...	5 0 0	
„ 26th ...	With bringing buffalo meat (diseased) from Coorla into the City of Bombay without pass or permission from the Municipal Commissioner.	Section 412 of Municipal Act III of 1888.	.....	Warned and discharged on 9th March 1898.
„ „ ...	Do. do. do. ...	„ ...	1 0 0	
„ „ ...	Do. do. do. ...	„ ...	1 0 0	
Mar. 3rd ...	Do. do. do. ...	„ ...	1 0 0	
„ „ ...	Do. do. do. ...	„ ...	5 0 0	
		Grand Total ...	1,014 0 0	

4.—RETURN OF STREET ACCIDENTS.

STATEMENT showing Street Accidents caused by the running over by conveyances in the Town and Island of Bombay from 1st April 1897 to 31st March 1898.

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
1	Hornby Road...	...	1	1	3
2	Esplanade Road	...	2	...	6
3	Queen's Road	...	...	1	9
4	Cruickshank Road	...	2	...	...
5	Palton Road	...	...	1	2
6	Carnac Road	...	3	...	5
7	Colaba Causeway	...	1	...	2
8	Church Gate Street	...	1	...	1
9	Custom House Road	..	...	...	1
10	Elphinstone Circle	...	1	...	...
11	Karwar Street	...	...	1	...
12	Frere Road	...	...	1	7
13	Fort Street	...	...	...	2
14	Mint Road	...	...	...	1
15	Mody Street	...	...	...	1
16	Chuckla Street	...	...	...	3
17	Janjikar Street	...	...	...	3
18	Dongri Street	...	...	...	3
19	Jambli Street	...	...	...	2
20	Musjid Bunder Road	...	...	...	10
21	Bhandari Street	...	...	...	1
22	Carnac Siding	...	...	...	1
23	Kazi Syad Street	...	...	...	1
24	Manson Road	...	...	...	1
25	Argyle Road	...	...	1	3
26	Don Tad Cross Lane	...	...	...	1
27	Nagdevi Street	...	2	1	8
28	Abdul Rahiman Street	...	1	...	13
29	Memonwada Road	...	...	...	3
30	Pydhoni Road...	...	...	...	4
31	Sarang Street	...	...	...	1
32	Kambekar Street	...	...	...	2
33	Kolsa Street	...	...	...	1
34	Narayen Dhuru Street	...	...	...	2
35	Jail Road, East	...	...	...	3
36	Umerkadi Road	...	...	...	1
37	Chinch Bunder 1st Road	...	...	...	2
	Carried forward ...	...	14	7	109

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
	Brought over ...	...	14	7	109
38	Bhendi Bazar Road	...	1	1	17
39	Nishanpada Road	...	...	...	2
40	Baboola Tank Road	...	1	...	2*
41	Imamwada Road	...	...	...	2
42	Samuel Street	...	...	...	1
43	Jail Road, South	...	...	...	1
44	Jail Road, North	...	...	...	1
45	Nowroji Hill 1st Lane...	...	...	...	1
46	Mazagon Road	1	1	...	4
47	Clive Road	...	...	...	1
48	Kalbadevi Road	...	...	...	10
49	Bapu Khote Street	...	2	...	2
50	Kawasji Patel Tank Road	...	...	...	3
51	3rd Bhoivada Lane	...	...	...	2
52	Kika Street	..	...	1	9
53	Bhuleshwar Road	...	...	...	5
54	Phul Gully Back Road	...	...	...	1
55	Erskine Road	...	...	...	7
56	Cathedral Street	...	...	...	1
57	Kazi Street	...	...	...	1
58	Banian Road	...	...	...	1
59	Mumbadevi Tank Road	...	...	...	2
60	Shaik Memon Street	...	...	...	7
61	Old Hanuman Lane	...	...	...	1
62	Picket Road	...	...	...	1
63	Girgaum Road	...	...	...	12
64	Fanaswadi Road	...	...	...	1
65	Jambulwadi Street	...	...	...	1
66	Lohar Street	...	...	...	1
67	2nd Marine Street	...	...	...	1
68	Ardesar Dadi Street	...	...	...	2
69	Duncan Road	...	4	...	10
70	Falkland Road	...	1	...	9
71	2nd Packmodia Street...	...	...	...	1
72	2nd Pathan Street	...	...	...	2
73	Grant Road	...	1	...	10
74	Chimna Butcher Street	...	...	...	1
75	Carpenter's Street	...	...	...	1
76	Khoja Street	...	...	...	2
77	Walkeshwar Road	...	...	...	1
78	Nepean Sea Road	...	...	...	1
79	Tardeo Road	...	...	...	2
	Carried forward ...	1	25	9	252

No.	Names of Streets.	Tram Cars.		Other Conveyances.	
		Killed.	Injured.	Killed.	Injured.
	Brought over ...	1	25	9	252
80	Sleater Road	...	...	...	1
81	Girgaum Back Road	...	...	1	1
82	Churney Road...	...	...	...	2
83	Thakoordwar Road	...	...	...	1
84	Khetwadi 4th Lane	...	...	...	1
85	Do. 10th do.	...	...	...	1
86	Do. 11th do.	...	...	...	1
87	Wari Bunder	...	...	...	1
88	Mount Road	...	...	...	1
89	Ghorapdeo Road	...	...	...	1
90	Kasar Gulli	...	...	...	1
91	DeLima Street	...	...	...	1
92	Gunpowder Road	...	...	1	...
93	Parel Road	...	4	...	11
94	Love Lane	...	...	1	...
95	Bellasis Road	...	...	...	12
96	Balaram Street	...	...	...	1
97	Foras Road	...	...	...	2
98	Gilder Street	...	...	...	1
99	Kamathipura 8th Lane	..	...	...	1
100	Ripon Road	...	1	...	4
101	Surti Mohlla	...	...	...	2
102	Hujria Mohlla...	...	...	...	1
103	Clare Road	...	...	...	3
104	Clerk Road	...	...	...	2
105	DeLisle Road	...	...	1	9
106	Haines Road	...	...	...	1
107	Arthur Road	...	...	...	3
108	Sion Road	...	...	...	1
109	Vincent Road	...	...	...	2
110	Naigaum Road...	...	...	...	1
111	Dadar Road	...	...	...	4
112	Soopari Bag Road	...	...	1	6
113	Currey Road	...	...	...	1
114	Sewri Road	...	...	...	2
115	Government House Road	...	...	...	2
116	Lady Jamsetji Road	...	...	...	1
117	Carroll Road	...	...	1	...
118	Elphinstone Road	...	...	...	1
119	Victoria Dock, North-West Gate ...	...	...	1	...
120	Prince's Dock, East Wharf	...	...	...	1
	Grand Total ...	1	30	16	340

5.—REPORT ON THE WORKING OF THE MUNICIPAL HOSPITAL FOR INFECTIOUS DISEASES AT ARTHUR ROAD FOR THE YEAR 1897.

I.—The present report is the fifth of a series of reports in connection with the Arthur Road Hospital since the appearance of plague in this city. The first was the annual report of the hospital for the year 1896, and covered the first *three months only* of the first epidemic of 1896-97, *viz.*, October, November, and December 1896. The second was a special report on plague, comprising a period of about five months—from the 24th September 1896 to 28th February 1897—the period during which plague administration was under the Municipality. The third dealt with the term of plague administration under General Gatacre's Committee—March to June 1897. The fourth was a report submitted to the Plague Committee under Sir James Campbell's administration, and comprised a period of nine months—from July 1897 to March 1898. Thus the various reports treat of the two epidemics in short and broken periods, and it is not possible to trace from them either the beginning, rise, and decline of the two epidemics or to collect facts and figures connected therewith for comparison. It is proposed therefore in the following pages to take a general, if brief, review of the two epidemics in so far as they bear upon the work of this hospital, to bring the statistics up to date, and to contrast their ratios of mortality. The report under the circumstances covers more than the period of twelve months, and practically extends over 18 months—from 1st January 1897 to 30th June 1898. The work of the institution has been incessant and continuous since September 1896, and what with plague, cholera, and relapsing fever there has been neither pause nor respite. In fact, no other epidemic diseases' hospital in Bombay, or for a matter of that in this presidency, has had to deal with such a large number of patients and such a variety of maladies. In order to cope with this extra work, the medical, subordinate and the ward staff had from time to time to be considerably augmented, so much so that the total staff at one period numbered over 130 persons.

The number of patients in the hospital varied from time to time. The largest number on any single day during the last epidemic was 350 ; of these, plague numbered 200 and relapsing fever 120.

II.—*Grounds and Buildings.*

The hospital provided accommodation for about 120 patients during the early part of 1897. This was repeatedly extended, so that eventually space was available for 500 beds. In February and March 1897 a large temporary ward was erected to accommodate about 70 patients. Two other wards—100′×20′ with a 6′ veranda all round—were put up in December 1897, and as relapsing fever increased, three more wards of a similar pattern were constructed on the piece of vacant land to the north of the hospital. Besides these, extensive alterations and additions were made to the permanent wards. Indian patent stone flooring was laid down in one of the permanent wards, and new wooden and mat frames with glazed windows were substituted for the old matting. The dead-house and the cook-room were enlarged temporarily; a *pucca* dhobie ghât was constructed at the back of the compound; washing platforms of blue stone and cement were put up in connection with the stand-pipes and the water-closets in the permanent wards. Additional quarters to accommodate 12 more nurses were erected, so as to provide sufficient accommodation for 21 nurses. Temporary quarters for 40 servants and 16 sweepers were also put up beyond the newly-constructed relapsing fever wards. Two new gateways were made in the north wall—one leading from the dead-house to the public road, and another connecting the main hospital with the relapsing fever wards. The height of the compound wall was increased; repairs and painting were also carried out. All the buildings were kept in a state of perfect repair and order. The front compound was laid out as a garden with flowering and foliage plants, palms, flowerbeds, &c.

III.—*Conservancy and Water-supply.*

Latrines were constructed in connection with the new temporary wards, cesspools attached to them, and all the excreta were emptied into a night-soil cart kept for the purpose and removed from time to time.

The system of water-supply was considerably altered. The old small connections were replaced by a new 4″ main, which now supplies all the flushing tanks, stand-pipes and fire hydrants, while connections were laid down in the main compound as well as alongside the new extensions.

IV.—*Medical Staff, Establishment and Nursing.*

(*a*) Since the death of Dr. Davada in May 1897, I continued to discharge the duties of the Chief Medical Officer up to December,

except for a short interval during illness, when Drs. Dadihalker and Sorab C. Hormusjee acted for me.

The work having considerably increased during the latter part of the year, Dr. D. S. Fraser was appointed Assistant Medical Officer in December. Dr. P. R. Pilgaokar soon afterwards kindly volunteered his services, and just as in the first epidemic, so in the second, he very zealously and ably assisted and relieved me of a portion of the duties. Dr. Pilgaokar's voluntary services have extended altogether over a period of about eight months—three months during the first and five during the second epidemic. No doubt the Municipal Corporation will suitably recognise Dr. Pilgaokar's philanthrophic and humane work. Drs. Treasurywalla and T. F. Pearse were added to the staff in February 1898, thus bringing up the number of Medical Officers to five.

(*b*) *Hospital Assistants.*—The number of hospital assistants was increased from three to six, two being appointed in December and one in March of the present year.

(*c*) *Nursing.*—The nursing arrangements were taken over from the Sisters of All Saints by the lady nurses sent out from England for plague work, and whenever required their number was supplemented by locally trained nurses. The largest number of nurses working at one time at this hospital exceeded 25. Accommodation for local nurses was provided in the hospital compound. Almost all the English nurses have at one time or another been attached for duty at the hospital for varying periods. Amongst those that have worked the longest may be mentioned Miss Robinson (lately Lady Superintendent), Misses Wheatley, Harris, Mill, Green, Dawson, Boyd, and the late lamented Miss MacDougall, as also Mrs. Potts, Miss Phillips, and Miss Macdonald Ritchie. All these lady nurses have displayed great zeal and efficiency, and one of them (the late Miss MacDougall) sacrificed her life in the discharge of these dangerous and onerous duties.

Amongst the local nurses may be mentioned Mrs. Baker, Mrs. Simpson, Mrs. Manning, Mrs. Moore, Mrs. Nesbitt, Miss Goulden, and Bai Thakubai. All these have worked no less efficiently, and have shown a praiseworthy devotion to their duty that reflects much credit on the training they have received in this city.

(*d*) *Ward Servants.*—The number of ward servants and other establishment had to be considerably augmented, first during the cholera epidemic, and subsequently during the second plague epidemic, so much

so that the total establishment, which numbered 33 in June 1897, was more than quadrupled in February 1898.

Establishment in June 1897—	*Establishment in Feby. 1898—*
1 Chief Medical Officer.	1 Chief Medical Officer.
3 Hospital assistants.	1 Honorary Medical Officer.
12 Ward boys.	3 Assistant Medical Officers.
3 Ayahs.	6 Hospital assistants.
3 Cooks.	1 Clerk.
1 Dispensary servant.	1 Compounder.
4 Police ramosees.	55 Ward boys.
5 Male sweepers.	14 Ayahs.
1 Female sweeper.	20 Male sweepers.
	9 Female sweepers.
33 Total.	5 Cooks.
	4 Dhobies.
	1 Dispensary servant.
	1 Mali.
	1 Bhisti.
	6 Police ramosees.
	8 Ambulance bearers.
	137 Total.

As the second plague epidemic declined and the number of patients gradually decreased, the establishment was and is being proportionately reduced.

V.—Medical History of the Year 1897-98.

In January 1897 the first epidemic of plague was steadily encroaching upon and affecting almost all the districts in the city; it attained its height during the middle of February, began to decline during March, and practically disappeared by the end of June. But just as the plague was beginning to subside, two other epidemic diseases, *viz.*, cholera and relapsing fever, appeared. The former remained more or less stationary during April, May and June, and then suddenly broke out as an epidemic early in July; it continued throughout August and September, declining towards the end of the latter month, only a few cases being admitted in October and November. The period of the cholera epidemic coincided with the interval between the first and the second plague epidemics.

Relapsing fever appearing early in April, steadily advanced up to November, and then concurrently with the second plague epidemic it assumed epidemic proportions, attacking the weakly and the underfed—in fact, practically those very classes of people that were so severely stricken with plague. The admissions from relapsing fever increased *pari passu* with those of plague, so that during the height of the

epidemic in February and early March 1898, when the largest number of plague patients came to hospital, the admissions from relapsing fever were also in large proportions. During April the admissions showed a considerable falling off. The admissions during May and June have increased considerably, and cases still continue to be admitted. Thus it appears that although the plague visitation appeared in the form of two epidemics with a clearly defined interval, and cholera appeared and disappeared within a few weeks, relapsing fever, which made itself evident in April 1897, still continues, notwithstanding that 15 months have elapsed since its first appearance. It looks as if the experience of 1878-79-80 was to be repeated in 1897-98, and possibly 1899, for the fever which was brought into the city by the famine immigrants in 1877-78 continued to show itself and its influence was felt considerably on the fever mortality of the city for nearly three years at that period. It is probable that it may similarly linger on during the present and possibly next year until the poison thoroughly wears itself out.

Turning now to plague, after the decline of the first epidemic at the end of June, it is noticed that the two following months, July and August, the months during which cholera prevailed, showed only 13 and 11 admissions respectively. Then came a period of slow but steady increase during September, October, and November, when the admissions were 33, 31, and 52 respectively, and it might therefore be reasonably assumed that the life-history of the second epidemic commenced in the early days of September 1897. These three months therefore constitute the first period of the second epidemic. Relapsing fever also showed a marked rise during the above period. The mortality rate from July to November, *i. e.*, the period of interval and the first period of the second epidemic, varied between 50 to 66 per cent., thus indicating clearly that although the number of cases was not large, the virulence of the plague poison had not abated to any material extent. The four following months—December 1897 and January, February, and March 1898—might be considered the rising period of the second epidemic. It was during these months that the admissions were highest, the type most severe, and the mortality extremely high. The worst period of the epidemic extended from the last week in January to the middle of February, then a temporary lull ensued, lasting about a week or so, to be followed by a further enhancement until the decline commenced at the end of March. During this period relapsing fever assumed grave and epidemic proportions, the number of admissions being the largest in January, February, and March. During April, May, and June the epidemic has been steadily declining, and by the end of June it may be stated that plague as an epidemic had practically ceased, a few sporadic cases here and there indicate its lurking presence from time to time. That the second plague epidemic was more virulent in its type, and consequently more fatal in its results, than the first can scarcely be denied, and it was further complicated with the presence of a relapsing fever epidemic.

a combination of double infection in the shape of relapsing fever and plague sometimes existing in the same patient. Very often it was not possible to decide whether the patient was suffering from a malignant form of relapsing fever or plague in which buboes had not sufficient time to develop. Moreover there were many more cases of pneumonic plague, with pneumonia existing as a complication, in a larger number of cases than in the first epidemic. Fatal hæmorrhages were also more common. In fact, the malignancy of the second epidemic can hardly be disputed, and that the results of hospital treatment were not on the whole more disappointing under the circumstances must be attributed to the experience gained in the medical treatment of plague cases, efficient nursing, and the constant care and vigilance exercised over the patients. The period of extreme malignancy was very distressing and the mortality very heavy. Had it not been for an improvement in the latter end of February 1898, the mortality for that month would have exceeded 85 per cent.

Hospital Mortality of the Two Epidemics.

The total number of patients treated during the first and second epidemics was 1,260 and 2,120 respectively. Of the former 868 died, giving a mortality rate of 68·88 per cent. Of the latter 1,502 died, the death-rate being 70·84 per cent. :—

	First epidemic.	Second epidemic.
Number...	1,260	2,120
Died	868	1,502
Recovered	392	618
Percentage of mortality	68·88	70·84

The following table contrasts the mortality rates for the corresponding months of the two epidemics :—

Months.	First epidemic.	Second epidemic.
September	52·23	66·66
October		51·61
November	66·57	50·00
December	74·12	68·68
January...	68·95	72·98
February	81·64	77·87
March	67·35	75·11
April	56·66	49·57
May	38·46	44·98
June	14·38	33·33

From the above it will be noted that a higher rate of mortality has continued through the decline of the second epidemic.

Comparing the mortality rate month by month, it is seen that there are no very striking differences between the two epidemics.

Periods.	First epidemic.	Second epidemic
First period	67·00	62·54
Second period	74·10	75·59
Third period	39·06	42·62

It appears that the mortality during the first period of the first epidemic was higher by nearly 5 per cent., whereas during the second period there was hardly any appreciable difference. The third period is higher by 3 per cent. in the second epidemic.

The following table shows the plague admissions, results, mortality, &c., from September-October 1896 to 30th June 1898 :—

	Number.	Died within 24 hours.	Died within 48 hours.	Total deaths	Recovered.	Percentage of mortality.	Percentage of mortality, excluding deaths within 24 hours.
September-October 1896 ...	88	17	10	46	42	52·23	40·84
November 1896	27	9	3	18	9	66·67	50·00
December „	182	60	63	135	47	74·12	61·47
Total ...	297	86	76	199	98	67·00	53·55
January 1897	277	90	45	191	86	68·95	54·00
February „	365	130	46	298	67	81·64	71·48
March „	198	54	84	130	68	67·85	54·28
April „	60	17	10	34	26	56·66	39·53
May „	26	7	1	10	16	38·46	15·78
June „	42	2	1	6	36	14·28	10·00
July „	13	1	1	7	6	53·84	50·00
August „	11	3	...	7	4	63·63	50 00
September „	33	11	4	22	11	66·66	50·00
October „	31	6	7	16	15	51·61	40·00
November „	52	11	6	26	26	50·00	26·00
December „	167	33	44	115	52	68·58	61·48
Total ...	1,270	364	197	862	408	67 87	54·96
January 1898	496	139	103	362	134	72·98	62·46
February „	660	185	140	514	146	77·87	69·24
March „	454	143	82	341	113	75·11	63·66
April „	117	29	9	58	59	49·57	32·95
May „	98	19	6	44	54	44·89	31·64
June „	12	2	1	4	8	33·33	20 00
Total ...	1,837	517	341	1,323	514	72·01	61·06
GRAND TOTAL ...	3,404	967	614	2,384	1,020	70·03	58·15

The following table gives the admissions from the various diseases, and is intended to show their incidence during the period above mentioned; besides infectious diseases it also includes the number of observation cases, that is, patients that were sent to hospital as suspicious cases, but who were found to be suffering from general diseases :—

Months.	Plague.	Relapsing Fever.	Cholera.	Small-pox.	Chicken-pox.	Measles.	Mumps.	Whooping Cough.	Observation.
January 1897 ...	277	...	...	...	...	...	...	...	20
February " ...	365	...	...	...	...	...	...	...	21
March " ...	193	...	1	6	4	1	...	...	15
April " ...	60	7	8	11	3	...	...	...	10
May " ...	26	12	9	8	4	2	...	...	20
June " ...	42	23	10	7	...	...	...	...	55
July " ...	30	15	111	10	...	1	...	...	73
August " ...	11	24	73	4	...	...	...	...	74
September " ...	33	54	26	...	1	...	...	...	128
October " ...	31	57	8	4	...	1	...	...	140
November " ...	52	82	3	2	...	1	...	...	146
December " ...	167	190	2	1	4	10	2	4	166
Total ...	1,270	464	251	53	16	17	2	4	868
January 1898 ...	496	188	1	2	6	5	...	...	112
February " ...	660	218	...	2	13	4	...	...	61
March " ...	454	101	1	14	28	3	...	...	29
April " ...	117	17	...	1	3	...	...	1	46
May " ...	97	101	...	...	...	...	...	...	54
June " ...	12	116	...	1	...	...	...	...	23
Total ...	1,837	741	2	20	50	12	...	1	805
Grand Total...	3,107	1,205	253	73	66	29	2	5	1,173

VI.—Plague.

The total number of plague patients treated up to date amounts to 3,404; of these, 2,384 died and 1,020 recovered, giving a mortality rate of 70·03 per cent. If the moribund cases be excluded, the mortality rate would be 58·15 per cent. The patients were divided into the following castes :—

Castes.	Number.	Died.	Recovered.	Percentage of Mortality.
Hindoos...	2,838	2,032	806	71·59
Mussalmans	236	151	85	63·98
Native Christians	289	180	109	62·28
Parsees	20	7	13	35·00
Bene-Israels	21	14	7	66·66
Total ...	3,404	2,384	1,020	70·03

The mortality amongst the Hindoos was the highest, 71·59 per cent. Mussalmans and Native Christians are about equal, and show a lower rate than the Hindoos by 7 to 8 per cent. The number of Parsee and Bene-Israel patients is too small for purposes of comparison, but the rate of 66·66 per cent. amongst Bene-Israels is striking.

The following tables give the details in each caste, their mortality rate, &c.

Hindoos.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	2,038	1,474	564	72·32
Females	591	425	166	71·90
Children	209	133	76	63·63
Total ...	2,838	2,032	806	71·59

Mussalmans.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	198	122	76	66·61
Females	31	24	7	77·41
Children	7	5	2	71·42
Total ...	236	151	85	63·98

Native Christians.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	207	126	81	60·86
Females	61	41	20	67·21
Children	21	13	8	61·90
Total ...	289	180	109	62·28

Parsees.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	15	5	10	33·33
Females	4	2	2	50·00
Children	1	...	1	.....
Total ...	20	7	13	35·00

Beni-Israels.

Sex.	Number.	Died.	Recovered.	Percentage of Mortality.
Males	10	7	3	70·00
Females	4	3	1	75·00
Children	7	4	3	57·14
Total ...	21	14	7	66·66

Comparison as regards the incidence of mortality among the sexes of the various castes must be limited to Hindoos, Mussalmans, and Christians, the number of Parsee and Beni-Israel patients being too small. The highest mortality rate is among Mussalman females, 77·41, but any deduction that can be drawn is vitiated by the fact that they numbered 31 only amongst 3,404 patients. The death rate amongst Mussalman and Native Christian males is about equal, and nearly 11 per cent. less than Hindoo males. There is hardly any disproportion between males and females amongst Hindoos, the mortality rate being about equal. The mortality rate amongst Hindoo children is 63·63 per cent., nearly 8 per cent. less than amongst males and females, showing a greater power of resistance to the disease among those under the age of 12.

VII.—Relapsing Fever.

The total number of relapsing fever patients treated up to June 30th, 1898, was 1,205; of these 979 recovered and 226 died, giving a mortality rate of 17·75 per cent. If 60 moribund cases be eli-

minated from these, the rate would be 14·49 per cent. The following table shows the admissions, deaths, and recoveries from relapsing fever from April 1897 to June 1898 :—

Months.	No.	Died.	Recovered.
April 1897	7	...	7
May "	12	1	11
June "	23	1	22
July "	15	1	14
August "	24	...	24
September "	54	6	48
October "	57	7	50
November "	82	10	72
December "	190	44	146
Total	464	70	394
January 1898	188	31	157
February "	218	36	183
March "	101	37	64
April "	17	5	12
May "	101	26	75
June "	116	21	95
Total	741	156	585
Grand Total	1,205	226	979

The patients comprised the following castes:—

Castes.	No.	Died.	Recovered.	Percentage of Mortality.
Hindoos ...	1,172	223	949	19·02
Mussalmans ...	17	1	16	5·88
Native Christian ...	16	2	14	12·50
Total ...	1,205	225	979	17·75

As Hindoos formed practically the majority of patients, 1,172 in a gross total of 1,205, their mortality rate gives practically the average of all cases, *viz.*, 19·02 per cent.

As the number of Mussalman and Native Christian patients is so small, no comparison can be instituted between the various castes or the sexes in each.

The following table gives the details of the sexes amongst Hindoos :—

Sex.	No.	Died.	Recovered.	Percentage of Mortality.
Males	884	176	708	19·90
Females	249	43	206	17·26
Children	39	4	35	10·25
Total ...	1,172	223	949	19·02

The mortality rate was highest amongst males, lower by about 3 per cent. amongst females, and lowest in children, *i.e.*, 9 per cent. less than in males.

VIII.—Cholera.

Two hundred and fifty-one patients suffering from cholera were treated during the year 1897, and of these 180 died and 77 recovered, showing a mortality rate of 71·36 per cent. Two cases only have been treated this year up to the end of June, and both of them have recovered.

The following table gives the admissions, deaths, and recoveries by months during the period :—

Months.		No.	Died.	Recovered.
January	1897	...	...	...
February	"	...	...	...
March	"	1	1	...
April	"	8	7	1
May	"	9	8	1
June	"	10	6	4
July	"	111	76	35
August	"	73	56	17
September	"	26	16	10
October	"	8	7	1
November	"	3	2	1
December	"	2	1	1
	Total ...	251	180	71
January	1898	1	...	1
February	"	...	...	...
March	"	1	...	1
April	"	...	...	...
May	"	...	...	...
June	"	...	...	...
	Total ...	2	...	2
	Grand Total ...	253	180	73

The majority of patients attacked with cholera were Hindoos—in all 222 out of a total of 253. The remainder includes other castes as follow :—

Castes.	No.	Died.	Recovered.	Percentage of Mortality.
Hindoos	222	165	57	74·32
Mussalmans	13	4	9	30·76
Native Christians	16	10	6	62·50
Parsees	1	1	...	100·00
Beni-Israels	1	...	1	00·00
Total ...	253	180	73	71·14

The mortality amongst Hindoos was 74·32 per cent. higher than amongst Native Christians and more than double that of Mussalmans.

The details of the Hindoo patients by sex are as follow :—

Sex.	No.	Died.	Recovered.	Percentage of Mortality.
Males	154	118	36	76·62
Females	64	46	18	71·87
Children...	4	1	3	25·00
Total ...	222	165	57	74·32

The mortality amongst males was the highest, 76·62 per cent.; female showed a lower rate by 5 per cent.

IX.—Small-pox.

Fifty-three patients only were admitted during 1897, and of these 46 recovered and 7 died.

Twenty have been admitted up to the end of June 1898, and of these 13 recovered and 7 died.

X.—Chicken-pox.

Sixteen patients were admitted during 1897, and all of them recovered.

Fifty were admitted up to end of June 1898, and all recovered.

XI.—Measles.

There were only 17 cases of measles admitted in 1897, out of which 16 persons recovered and 1 died.

Only 12 have been admitted up to end of June 1898, and of these 11 have recovered and 1 died.

XII.—Whooping Cough and Mumps.

Four cases of whooping cough and 2 of mumps were admitted during 1897. Of the former 2 recovered and 2 died; both of the latter recovered.

XIII.—Observation Cases.

The total number of patients kept under observation was 868 during 1897 and 305 up to the end of June 1898; most of them were transferred to other hospitals after varying periods of detention; some were discharged directly and some died. They suffered from various general diseases, such as malarial fevers, rheumatism, bronchitis, pneumonia, valvular disease of the heart, nephritis, paralysis, burns, injuries, skin diseases, guinea-worm, diarrhœa, dysentery, &c.

XIV.—Statistics for the Year 1897.

Details of the various affections having been already given, it only remains to show in tabular form the work of the hospital for the calendar year 1897 alone. The following list shows the total number of patients and the diseases they suffered from :—

Plague	1,270
Relapsing fever	464
Cholera	251
Small-pox...	53
Chicken-pox	16
Measles	17
Mumps	2
Whooping cough...	4
Observation cases	868
Total ...	2,945

XV.—Conduct of the Establishment.

The conduct of the establishment has been exemplary, and all have worked with praiseworthy zeal during the trying times of the epidemic.

I would specially commend the services of Hospital Assistants Samuel Samson and Pandharinath Bhowanrao, who have worked with me through both the epidemics, and whose zeal, energy, and intelligence have been beyond all praise. I consider them deserving of special recognition for their arduous services. Hospital Assistant Chunilal Chotalal worked at this hospital from March to December, and Hospital Assistant Liladhur Jagjivan has been working since December 1897. They have shown themselves to be thoroughly capable and intelligent hospital assistants, and deserve commendation for their work.

As Hospital Assistant Pandharinath Bhawanrao belongs to the Bombay Subordinate Medical Service, and as his services have been lent to the Municipality for plague work, I have to request the favour of his being specially commended to Government for his zealous and able work at this hospital since October 1896. No other hospital assistant has been so long and so continuously at work, not only in the midst of plague, but also of cholera and relapsing fever. Any recognition that the Government would be pleased to confer upon him will be richly deserved.

N. H. CHOKSY, KHAN BAHADUR,
Extra Assistant Health Officer,
Arthur Road Hospital.

BOMBAY, 5*th July* 1898.

EDUCATIONAL.

REPORT OF THE JOINT SCHOOLS COMMITTEE, forwarded by the Committee's Secretary under his No. 296 of 9th June 1898.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
MUNICIPAL OFFICE, FORT,
BOMBAY, 10*th May* 1898.

REPORT ON THE ADMINISTRATION OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1897-98.

Personnel of the Committee.

At the commencement of the year the Joint Schools Committee consisted of the following members:—

Appointed by Government.	*Appointed by the Corporation.*
PRINCIPAL J. T. HATHORNTHWAITE, M.A.	A. M. DHARAMSI, Esq., B.A., L.L.B.
NOWROSJEE N. WADIA, Esq., C.I.E.	K. N. KABRAJEE, Esq.
JAVERILAL U. YAJNIK, Esq.	PROFESSOR O. V. MULLER, M.A.
GRATTAN GEARY, Esq.	N. N. KOTHARE, Esq.

It is a matter of great regret that two members of the Committee died during the year—the Hon. Mr. Javerilal Umiashankar Yajnik and the Hon. Mr. A. M. Dharamsi. The Committee placed on record their sense of the great loss sustained by them and forwarded copies of the

resolutions to the families of the deceased, with an expression of heart-felt sympathy in their bereavement.

Mr. Javerilal, who was a Government nominee, was succeeded by Mr. Chimanlal H. Setalwad, and Mr. Ibrahim Rehimtulla was elected by the Corporation a member of the Joint Schools Committee in place of Mr. Dharamsi.

The two senior members, who retired during the year in accordance with section 39 (3) of the Bombay Municipal Act, were Principal J. T. Hathornthwaite and Mr. K. N. Kabrajee, and they were reappointed by Government and the Corporation, respectively.

Mr. Wadia, who had been Chairman of the Joint Schools Committee since the retirement of Mr. R. G. Oxenham in 1894, resigned his office on proceeding to Europe in July last, and was succeeded by Mr. Dharamsi. On the death of Mr. Dharamsi in September last, Mr. Hathornthwaite was elected Chairman in his place.

Finance.

The workable balance at the beginning of the year was Rs. 48,499-7-1. The total receipts for the year amounted to Rs. 1,27,165-9-0, as against Rs. 1,19,435-11-6 for the previous year; while the total expenditure was Rs. 1,22,542-13-1, as against Rs. 1,27,731-11-3 for the year 1896-97. The expenditure was considerably less than the estimate, because, owing to the prevalence of plague, there was no occasion to incur school and other charges to the same extent as in ordinary times.

The average cost per pupil was Rs. 33, as against Rs. 17 in 1896-97, and was distributed as under :—

Teaching	Rs.	20·6
Rent	„	8·9
Miscellaneous	„	3·5
Total Rs.		33

The increase is only apparent, and is to be accounted for by the fact that the total number of pupils in the Municipal Schools this year was about half the number that was on the rolls last year.

The Plague and its Effects.

Owing to the recrudescence of the plague this year, the actual attendance in the Municipal Schools was very considerably reduced, declining

gradually to about 25 per cent. of the normal average. The decrease was particularly noticeable in the Marathi and Guzerati Schools, the Urdoo Schools maintaining, as last year, a very fair average under the circumstances. The schools were practically closed last year for five months on account of the epidemic; but as the exodus of the population was not so extensive during the year under report, and did not commence so early as last year, it was not found necessary to close the schools for any long period, as in the preceding year. The Committee, however, from time to time, ordered the temporary closing of schools where the surroundings were found to be deeply infected, and they further extended by three weeks the usual summer vacation of one month allowed to the Marathi and Guzerati Schools.

Employment of Trained Teachers.

It is gratifying to record that the efforts of the Committee to secure the services of Trained Teachers, especially on the Guzerati side where the want of such teachers is most severely felt, were attended this year with very fair success. The Director of Public Instruction was good enough to obtain, at the Committee's request, the services of two trained females as Head Mistresses of two schools for girls, opened at Dadar and Mahim, as well as of an experienced male teacher for one of the Guzerati Schools. The Committee further observe with much satisfaction that the want of trained females for Guzerati girls' schools has been supplied, to some extent, by four of their female students, who had been sent to the Training College at Ahmedabad, having passed out with the highest certificate of qualification. Similarly one of their male students having passed the Third Year Examination at the Male Training College, has returned to Bombay and been appointed by the Committee to a suitable post. It is hoped that the example of these students will encourage others to go to the Training College and qualify in like manner. The Committee were also able to secure, on reasonable terms, the services of three more certificated Guzerati teachers, who having passed the qualifying test at the Ahmedabad Training College were available for employment in Bombay.

Teaching in Municipal Schools.

As the schools suffered considerably in attendance and regularity during the year, it was impossible that their progress should come up to the average of normal years. It appears, however, from the Annual Reports of the Inspectors that, all things considered, the examination results were not unsatisfactory; and, more than this, there were a few schools which were able to maintain their usual efficiency, in spite of most adverse circumstances. Two of the Mary Carpenter Scholarships, which are open to all the girls attending Primary or Middle Schools in Bombay, were won by pupils of the Municipal Charney Road Girls' School; and two of the Government Middle School Scho-

larships, which are also open to public competition, were obtained by pupils of the Amerchandwadi and Chandanwadi Schools.

New Schools.

The undermentioned new schools were opened during the year :—

Marathi.

1. Sion School.
2. Crawford Market Nirashrit School (for low-castes).
3. Dadar Girls' School.
4. Mahim Girls' School.

Urdoo.

1. Kassab Moholla School.
2. Khara Talao School.
3. Nacoda Mohalla School.

These schools have supplied the educational wants of the localities in which they have been established, and are doing as well as might be expected under the circumstances.

Aided Schools.

Four schools were registered under the Grant-in-aid Code, while fourteen were removed from the register, most of them having ceased to exist on account of the plague. The total number on the register has, therefore, declined from 95 in the year 1896-97 to 85 in the year under report. The total attendance was 5,912, as against 6,877 in 1896-97.

Some of these schools having been proved to have suffered to an especially serious degree from the epidemic, were given the benefit of the rule in the Grant-in-aid Code which provides for a repetition of the grant last earned, if the attendance or efficiency of any school has, through misadventure for which the Managers are not to blame, fallen greatly below the average of previous years.

School Buildings and Accommodation.

The almost insuperable difficulties attending the Committee's efforts to secure good sanitary buildings, perfectly suited for school purposes in the crowded parts of the city, have been noted in previous reports. The only remedy is to have buildings specially constructed for schools, and with that view, the Joint Schools Committee have endeavoured to

interest the Corporation in starting a Building Fund. The Corporation have expressed their readiness to contribute to the fund, from time to time, provided Government co-operate with them. It is matter for regret that the scheme has not yet proceeded beyond the initial stage; but it is hoped that before long a definite agreement will be arrived at between the Corporation and Government.

Next to having buildings of their own, the Joint Schools Committee consider that a good alternative would be to invite private owners to construct them, according to plans and specifications approved by the Committee. Accordingly, the Municipal solicitors were invited to prepare a form of lease on general lines laid down after careful consideration by the Committee. In submitting their draft, the solicitors gave it as their opinion that under the Joint Schools Committee's By-laws, as they stood at present, the Corporation, and not the Committee, had the power to enter into long leases. The Committee thereupon requested the Corporation to effect the necessary modification in the By-law, bearing on this subject, but on the question being referred by the Corporation to Counsel, he gave it as his opinion that, under the provisions of the Municipal Act, the Corporation could not delegate their power to enter into leases of school buildings to the Committee. As it is clear that unless house-owners are granted leases extending over ten or fifteen years, they can scarcely be expected to construct school buildings according to the special requirements of the Committee on moderate terms, the Committee must depend on the generous co-operation of the Corporation in all such cases.

It is, however, satisfactory that in spite of various difficulties, the Committee have been able to induce a land-owner to construct a suitable building for the schools for boys and girls at Dongri—a locality where it was particularly difficult to secure premises adapted to the purpose. The new building, to which the schools have been removed, is commodious, and well lighted and ventilated, having special accommodation for a gymnasium and a small play-ground in front.

Again, the Committee were enabled during the year to remove the Bhuleshwar Boys' School, the Bhuleshwar Girls' School and the Mumbadevi School which were quartered in more or less indifferent premises, to the spacious building erected over the Bhuleshwar Market.

There is also a prospect of having a special building before long for the Churney Road Girls' School. In pursuance of a resolution passed by the General Committee of the Sorabjee Shapurjee Bengalee Memorial Fund, the Honorary Secretaries offered to hand over the balance of the Fund, amounting to about Rs. 25,000, to the Joint Schools Committee for the purpose of providing a building for this school, on condition that it be named after Mr. Bengalee. This offer has been accepted by the Corporation with thanks on the recommendation of the Committee.

Another building in prospect is the Lord Harris School, for which Government have, at the request of the Harris Memorial Committee, agreed to give a site near St. Xavier's College, besides contributing towards the cost of the building. The Government contribution, including the value of the site, is estimated at about Rs. 35,000. It is hoped that the state of the public funds will permit of the building being commenced at an early date.

English Classes in Municipal Schools.

Government having addressed the Committee, from time to time, on the advisability of withdrawing from the maintenance of English classes, these classes have been abolished from 1st April 1897 in the Buddhivardhak, Mumbadevi and Girgaum Schools. There are, therefore, now only five English classes surviving out of eight originally in existence, and these also will be closed as soon as the want is supplied by Government or private agency.

Rehatsek Prizes.

Mr. N. V. Mandlik, Executor of the Rehatsek Estate, gave this year a donation of Rs. 800 for the purpose of giving money prizes to deserving pupils in the Municipal Schools. The gift has been accepted with thanks.

Grain Compensation to Teachers.

Owing to the dearness of food supplies, grain compensation was allowed, under the terms of article 72 of the Civil Account Code, to teachers drawing Rs. 16 per mensem or under, until the close of the year under report.

Retirement of a Teacher.

Mr. Manecklal Dhirajram, Head-Master, Chandanwadi School, after having rendered efficient service for thirty-four years, retired on pension at the end of the year.

The Death-Roll.

The Committee deeply regret that the death-roll among teachers is exceptionally heavy this year. As many as seventeen teachers, of whom four were Head-Masters and one a Head Mistress, died during the year, and four of these were reported to have succumbed to plague. Of these teachers, eight were Mahomedans, five Marathi Hindoos and four Gujerati Hindoos.

School Statistics.

The usual school statistics are given below :—

(*a*)—Classification of schools.

Class of Schools.	1896-97.				1897-98.			
	Marathi.	Gujerati.	Urdoo.	Total.	Marathi.	Gujerati.	Urdoo	Total.
Middle Schools ...	4	4	...	8	3	2	...	5
Primary for Boys...	27	13	9	49	29	12	12	53
Primary for Girls...	7	7	1	15	9	7	1	17
Night Schools	1	5	...	6	1	5	...	6
Total...	39	29	10	78	42	26	13	81

(*b*)—Number of schools and scholars.

Class of Schools.	Number of Schools in 1896-97.	Number of Schools in 1897-98.	Pupils in 1896-97.	Pupils in 1897-98.
Municipal	78	81	6,273	3,075
Aided	95	85	6,877	5,912
Total ...	173	186	13,150	8,987

As the Municipal Schools were entirely closed during the latter months of the official year 1896-97, the attendance was taken from the rolls for December 1896, and not, as would otherwise have been done, from the register for the closing month of the year, *viz.*, March 1897. This accounts for the difference existing between the totals for the last year and the present.

(*c*)—Classification according to sex.

Schools.	1896-97.		1897-98.	
	Boys.	Girls.	Boys.	Girls.
Municipal...	5,109	1,164	2,428	647
Aided	4,043	2,834	3,346	2,566
Total ...	9,152	3,998	5,774	3,213

Besides the pupils attending the Municipal and Aided schools, a large number always attend Private Schools. Being generally poor and of slender resources, many of these schools have been swept away by the plague. It may be mentioned here that the Joint Schools Committee,

having instituted a careful and searching enquiry three years ago into the state of these schools, discovered that in Bombay there were 280 such schools in all, imparting instruction to about 18,000 pupils.

(*d*)—Classification according to race.

Races.	1896-97.—Schools.			1897-98.—Schools.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
European & Eurasians ...	.....	.....	.....	.....	.....	.....
Hindus	4,894	3,917	8,811	1,720	3,004	4,724
Mahomedans	933	322	1,255	1,078	262	1,340
Parsis	288	1,996	2,284	208	1,782	1,996
Portuguese and Native Christians	58	228	286	31	418	449
Jews	29	397	426	15	493	508
Aborigines	68	6	74	27	3	30
Others	3	11	14	1	.....	1
Total ...	6,273	6,877	13,150	3,075	5,912	8,987

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Appendix A.

STATEMENT of Actual Income and Expenditure of the School Fund for the year 1897-98.

No.	Receipts.	Amount.	No.	Expenditure.	Amount.
		Rs. a. p.		A.—SCHOOLS.	Rs. a. p.
1	Balance on the 1st of April 1897	48,499 7 1	1	Head Masters and Teachers	*54,329 4 6
2	Government Grant to Primary Education and Inspection.	42,666 0 0	2	Servants	1,400 8 7
3	Fees from Municipal Schools	11,497 14 0	3	Rent	27,389 13 7
4	Contribution from the General Municipal Fund	72,478 0 0	4	Cost of Class Books	459 4 6
5	Government Grants-in-aid towards Buildings	.....	5	School Furniture	4,704 5 6
6	Interest on Endowments or Investments	523 11 0	6	Prizes	946 14 6
7	Miscellaneous	.....	7	Contingencies and Miscellaneous	2,935 12 3
			8	Scholarships in Schools...	234 4 2
			9	Stipends of Students under training as Vernacular Teachers	1,171 11 1
			10	Inspectors' Establishment	7,850 0 7
			11	Grants-in-aid to Primary Schools	20,991 0 3
				B.—BUILDINGS.	
			1	Municipal Original Works	.....
			2	Repairs to Municipal School Houses...	129 13 7
				Balance on 31st March 1898	53,122 3 0
	Total Rupees ...	1,75,665 0 1		Total Rupees ...	1,75,665 0 1

* Include Rs. 1,617-14-8 spent on account of grain compensation allowance.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 20*th May* 1898.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix B.

BALANCE SHEET of the School Fund for the year 1897-98.

LIABILITIES.				Rs. a. p.	ASSETS.			Rs. a. p.
To Deposit Account				488 3 6	By Advance Account			153 6 10
„ Hurkisondas Brijlal Prize Fund—					„ Bank of Bombay Government Paper, Municipal Debentures, &c., Deposit Account			2,000 0 0
Principal	Rs.	500 0 0			„ Actual Cash Balance on 31st March 1898—			
Interest	„	20 3 4		520 3 4	In Bank of Bombay	Rs.	54,309 6 5	
„ Dr. Blaney Prize Fund—					In Office Treasury	„	65 4 10	
Principal	Rs.	1,000 0 0						54,374 11 3
Interest	„	73 14 8		1,073 14 8				
„ Rehatsek Fund Donation				800 0 0				
„ Madhavdas Rugnathdas Prize Fund—								
Principal	Rs.	500 0 0						
Interest	„	23 9 7		523 9 7				
„ Income and Expenditure Account—								
Balance on 31st March 1898				53,122 3 0				
		Rupees	...	56,528 2 1			Rupees ...	56,528 2 1

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *20th May* 1898.

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

Appendix C.

STATEMENT showing the Number of Scholars in Municipal Marathi Schools of Bombay on the 31st March 1898.

Number of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1898.
	Second Grade A.-V. Schools (Boys').	
1	Dongri School	16
2	Kamathipura do.	8
3	Khetwadi do.	9
	Primary Schools (Boys').	
4	Amerchandwadi School	.....
5	Byculla do.	34
6	Chandanwadi do.	16
7	Cheulwadi do.	16
8	Chinchpoogli do.	92
9	Colaba do.	37
a 10	Crawford Market Nirashrit School	40
11	Dongri School	28
12	Gamdevi do.	1
13	Ghodapdeo do.	55
14	Girgaum do.	33
15	Kamathipura Nirashrit School	62
16	Kamathipura School	15
17	Khetwady do.	21
18	Lower Mahim do.	68
19	Mandvi do.	38
20	Matunga do.	72
21	Mazagon do.	16
22	Nagdevi do.	19
23	Nagpada do.	16
24	Parel do.	91
25	Seven Roads do.	12
26	Shivdi do.	19
b 27	Sion do.	103
28	Upper Mahim do.	51
29	Valkeshwar do.	43
30	Varli do.	16
31	Varli Koliwada do.	42
32	Vithalwadi do.	39
33	Valkeshwar Night School	5
	Primary Schools (Girls').	
34	Amerchandwadi School	.....
35	Byculla do.	22
36	Dongri do.	47
c 37	Dadar do.	49
38	Kalbadevi do.	4
39	Kamathipura do.	37
40	Nagdevi do.	6
d 41	Upper Mahim do.	45
42	Varli do.	15
	Total ...	1,358

a New school opened by the Joint Schools Committee on 16th August 1897.
b Do. do. on 1st July 1897.
c Do. do. on 1st October 1897.
d Do. do. do.

Appendix D.

STATEMENT showing th Number of Scholars in Municipal Gujerati Schools of Bombay on the 31st March 1898.

No. of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1898.
	Second Grade A.-V. Schools (Boys').	
1	Bhuleshwar School	6
2	Nal Bazar do.	11
	Primary Schools (Boys').	
3	Bhuleshwar School	131
4	Buddhivardhak do.	21
5	Byculla do.	9
6	Chandanwadi do.	32
7	Fort School, No. I	53
8	Do. No. II...	5
9	Girgaum School	7
10	Kapad Bazar do.	60
11	Mahim do.	63
12	Masjid Bandar do.	19
13	Nal Bazar do.	55
14	Rangari Street do.	15
	Primary Schools (Girls').	
15	Bhuleshwar School	9
16	Charni Road do.	93
17	Jairajbhai Pirbhai do.	70
18	Kalbadevi do.	22
19	Masjid Bandar do.	41
20	Nal Bazar do.	35
21	Rangari Street do.	14
	Primary Night Schools (Boys').	
22	Chandanwadi School	4
23	Musjid Bunder do.	6
24	Nul Bazar do.	22
25	Pydhoni do.	2
26	Rangari Street do.	9
	Total ...	814

Appendix E.

Statement showing the Number of Scholars in Municipal Urdoo Schools of Bombay on the 31st March 1898.

Number of Schools.	Names of Schools.	Attendance on Rolls on 31st March 1898.
	Primary Schools (Boys').	
1	Chhatri Sarang Street School	48
2	Colaba do.	52
3	Gawli Moholla do.	69
4	Imamwada do.	46
5	Jamli Moholla do.	50
6	Kamathipura do.	77
a 7	Kassab Moholla do.	43
b 8	Khara Talao do.	71
9	Madanpura do.	79
10	Mazagon do.	71
11	Nagpada do.	94
c 12	Nacoda Moholla do.	65
	Primary School (Girls').	
13	Nagpada School	138
	Total ...	903

a. New School opened by the Joint Schools Committee on 1st October 1897.
b. Do. do. do. on 16th October 1897.
c. Do. do. do. on 1st February 1898.

Appendix F.

Examination Results of Middle Schools (Marathi) for 1897-98.

CLASS OF SCHOOLS.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																							
				STANDARD I.						STANDARD II.						STANDARD III.						STANDARD IV.					
				Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.	Number of pupils presented.	Arithmetic.	Vernacular.	History and Geography.	English.	Needle-work.
2nd Grade A.-V. School—																											
Municipal	3	79	20	14	9	10	10	9	...	6	5	3	4	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Aided	6	47	67	39	25	32	...	22	...	14	13	13	...	11	...	9	8	4	...	5	...	5	3	4	...	3	...
Total ...	9	126	87	53	34	42	10	31	...	20	18	16	4	14	...	9	8	4	...	5	...	5	3	4	...	3	...
Total of the previous year.	4	235	198	93	70	76	51	64	...	72	53	60	42	41	...	33	28	29	22	17	...	...	...	...	...	...	...

Appendix G.

Examination Results of Primary Schools (Marathi) for 1897-98.

CLASS OF SCHOOLS.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	NUMBER OF PUPILS PASSED.																																			
				STANDARD I.					STANDARD II.						STANDARD III.						STANDARD IV.						STANDARD V.						STANDARD VI.						
				Number of pupils presented.	Arithmetic.	Reading.	Writing.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Number of pupils presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Needle-work.	Sanitary Primer.
1—BOYS—																																							
Municipal ..	30	2,008	1,328	270	209	223	214	..	213	177	156	165	163	..	193	156	149	166	151	..	121	106	89	108	86	..	7	4	3	5	4	..	3	1	1	1	1	..	1
Aided.. ..	41	1,889	1,978	429	304	334	323	3	324	198	184	195	206	5	292	184	173	184	158	6	225	148	118	160	103	7	47	27	8	24	15	..	..	..	..	..	..	..	..
Total.. ..	71	3,897	3,306	699	513	557	537	3	537	375	340	360	369	5	485	340	322	350	309	6	346	254	198	268	189	7	54	31	11	29	19	..	3	1	1	1	1	..	1
Total of the previous year ..	32	2,795	2,856	502	385	402	378	8	497	348	300	313	374	5	445	297	274	299	273	6	404	279	218	278	207	7	124	65	47	68	54	..	10	4	4	4	4	..	4
2.—GIRLS—																																							
Municipal ..	9	327	448	87	71	62	67	..	63	49	51	53	..	47	41	37	31	36	36	41	25	21	19	19	20	24	4	4	4	4	4	4	..	..	..	..	..	..	..
Aided ..	16	1,004	1,409	263	178	189	179	148	200	164	151	157	6	146	148	122	114	112	114	114	106	83	75	82	79	79	28	19	16	22	16	19	..	..	..	..	..	..	..
Total.. ..	25	1,331	1,857	350	249	251	246	148	263	213	202	210	6	193	189	159	145	148	150	155	131	104	94	101	99	103	32	23	20	26	20	23	..	..	..	..	..	..	..
Total of the previous year ..	15	964	1,178	245	169	182	178	116	174	123	139	125	..	130	133	106	97	86	102	101	87	61	55	61	54	61	38	27	20	29	20	27	5	1	2	3	3	3	..
Grand Total ..	96	5,228	5,163	1,049	762	808	783	151	800	588	542	570	375	198	674	499	467	498	459	161	477	358	292	369	288	110	86	54	31	55	39	23	3	1	1	1	1	..	1
Grand Total of the previous year ..	47	3,759	4,034	747	554	584	556	119	671	471	439	438	374	135	578	403	371	385	375	107	491	340	273	339	261	68	162	92	67	97	74	27	15	5	6	7	7	3	4

Appendix

Examination Results of Middle

CLASS OF SCHOOLS.	No. of separate schools examined.	No. of pupils examined.
Boys' Schools.		
Municipal Schools	2	25
Unaided do.	2	74
Total	4	99
Total of the previous year	6	204

H.

Schools (Gujerati) for the year 1897-98.

A. V. STANDARD I.					A. V. STANDARD II.					A. V. STANDARD III.				
Number of pupils examined.	Number of pupils passed in				Number of pupils examined.	Number of pupils passed in				Number of pupils examined.	Number of pupils passed in			
	1st Head.	2nd Head.	3rd Head.	4th Head.		1st Head.	2nd Head.	3rd Head.	4th Head.		1st Head.	2nd Head.	3rd Head.	4th Head.
16	10	14	6	13	9	8	9	.7	9	...	...	...	...	...
29	24	28	18	26	21	20	19	21	16	24	17	18	12	13
45	34	42	24	39	30	28	28	28	25	24	17	18	12	13
126	81	96	69	105	43	27	36	28	34	35	15	31	12	26

Appendix

Examination Results of Primary

CLASS OF SCHOOLS.	Number of separate schools examined.	Number of pupils examined.	STANDARD I.					STANDARD II.					
			Number of pupils examined.	Number of pupils passed in				Number of pupils examined.	Number of pupils passed in				
				Arithmetic.	Reading.	Writing.	Needle-work.		Arithmetic.	Reading.	Writing.	Geography.	Needle-work.
1.—BOYS—													
Municipal	17	696	133	120	118	110	..	217	183	161	181	171	..
Aided	12	1,481	300	238	267	250	47	414	340	362	359	339	67
Unaided	2	255	60	40	48	53	...	54	44	51	46	51	..
Total ..	31	2,432	493	398	433	413	47	685	567	574	586	561	67
Total of the previous year ..	19	2,610	413	308	341	315	25	737	473	526	510	504	37
2.—GIRLS—													
Municipal	7	606	118	85	102	97	..	93	65	79	75	68	70
Aided	11	915	146	130	133	129	74	161	119	137	133	113	131
Total.. ..	18	1,521	262	215	235	226	74	254	184	216	208	176	201
Total of the previous year..	6	605	127	96	110	104	69	137	109	110	114	107	91
Grand Total.. ..	49	3,953	755	613	668	639	121	939	751	790	794	737	268
Grand Total of the previous year..	25	3,215	540	404	451	419	94	874	582	636	624	611	128

I.

Schools (Gujerati) for the year 1897-98.

STANDARD III.						STANDARD IV.						STANDARD V.						STANDARD VI.						
Number of pupils examined.	Number of pupils passed in.					Number of pupils examined.	Number of pupils passed in.					Number of pupils examined.	Number of pupils passed in.					Number of pupils examined.	Number of pupils passed in.					
	Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.		Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.		Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.		Arithmetic.	Reading.	Writing.	History and Geography.	Needle-work.	Sanitary Primer.
121	83	95	106	63	..	68	49	52	64	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..
226	185	216	214	168	88	141	123	133	138	123	27	18	15	16	17	14	7	4	..	4	2	1	2	..
40	31	37	31	36	..	27	21	22	27	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
387	299	348	351	267	88	236	193	207	229	195	27	18	15	16	17	15	7	4	..	4	2	1	2	..
480	340	363	400	276	24	342	203	259	294	199	14	56	5	26	20	19	9	..	..	..	..	..	..	..
61	42	58	58	57	53	37	23	27	27	26	27	21	15	20	21	18	21	5	5	5	5	5	5	..
140	89	118	122	98	116	91	80	89	87	86	89	27	1	22	28	18	25	17	11	17	17	9	17	..
201	131	176	178	155	169	118	103	116	114	112	116	48	16	42	47	36	46	22	16	22	22	14	22	..
115	73	91	94	80	80	54	51	54	52	54	54	21	6	16	20	16	19	4	..	4	2	1	2	..
599	430	534	539	422	307	354	296	323	343	307	143	66	31	58	64	51	53	26	16	26	24	15	24	..
593	413	454	494	356	104	326	254	313	346	253	69	77	11	42	40	35	28	4	..	4	2	1	2	..

Appendix J.

Examination Results of Primary Schools (Urdoo) for 1897-98.

Class of Schools.	Number of separate schools examined.	Average attendance of schools examined.	Number of pupils examined.	RESULTS.																							
				Standard I.					Standard II.						Standard III.						Standard IV.						Standard V.					
				Number presented.	Arithmetic.	Reading.	Writing.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.	Number presented.	Arithmetic.	Reading.	Writing.	History & Geography.	Passed in all heads.
Day Schools.																															
Municipal	13	591	208	148	80	92	99	73	36	26	26	33	26	20	14	10	11	13	10	8	6	4	4	5	5	2	4	2	2	4	4	2
Total ..	13	591	208	148	80	92	99	73	36	26	26	33	26	20	14	10	11	13	10	8	6	4	4	5	5	2	4	2	2	4	4	2
Total of the previous year ..	10	568	448	60	22	27	33	20	28	16	20	17	5	5	13	8	11	11	8	3	7	3	7	7	3	1	7	5	1	6	2	..

NANABHAI B. MASANI,
Secretary, Joint Schools Committee.

ANNUAL REPORT

OF THE

MUNICIPAL AUDITORS,

1897-98.

To

M. N. WADIA, Esq.,

Acting Municipal Secretary,

Bombay.

We have the honor to forward herewith our reports on the Municipal Accounts and Joint Schools Committee Accounts for 1897-98 in view to their being printed and placed before the Corporation.

We are,

Sir,

Your obedient Servants,

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 30*th September* 1898.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1897-98.

No. 13454. For the audit of the accounts of the year under review, we were appointed Auditors by the Corporation at their ordinary monthly meeting held on the 25th February 1897, by their Resolution quoted at margin.

2. As usual all the vouchers and papers relating to the receipts and disbursements of 1897-98 have been compared by us with the day books and subsidiary ledgers; the general ledger postings have also been checked with the entries in the day books and those in the journal with the subsidiary and general ledgers.

3. The Bank receipts of investments of the different loans, also of Municipal Buildings Fire Insurance, School Building, Worn-out Mains Renewal, and Premia, &c., Funds, as well as Securities from contractors in Government, Port Trust, and Municipal Bonds, deposited with the Bank, and the Bank's pass-books have been examined by us and found correct and to be in order.

4. In accordance with the directions of the Corporation contained in their Resolution passed on the 19th November 1888, which were communicated to the Auditors under the Municipal Secretary's letter No. 5374, dated the 30th idem, all sinking fund investments pertaining to the year were examined, and we certify that they have all been duly and properly made except as explained in the following para.

5. It has been found that in 1897-98 no payment was made towards the sinking fund on account of renewals of existing water mains worn out, though we find at page 24 of the Budget Estimate the provision on this account to the extent of Rs. 25,000 had been made therein. On reference to the Budget Estimate for 1892-93 it is found from a note made therein that the intention at that time was to set aside one lakh of rupees per annum so as to form a fund for the renewal of the existing mains. The circumstances under which the amount provided for in the Budget Estimate has not been invested during 1897-98 will doubtless be explained by the responsible official.

6. In addition to the concurrent audit the weekly statements of receipts and disbursements of municipal funds were examined by us as they were prepared, and prior to their publication in the *Government Gazette*. In addition to the check exercised by us over these statements, we have continued to prepare and submit to the Secretary for the purpose of being laid before the Corporation monthly statements showing totals of receipts and disbursements under each account head as they stood in the subsidiary ledgers at the end of the last week of each month, which totals, as explained in previous reports, were agreed with the aggregate total of each head of account given in the weekly statements of the month as well as of the ledger.

7. Owing to plague charges the auditorial duties continued to be very heavy. A comparison of the account vouchers (including those appertaining to the Journal) with those of the previous year is given below :—

	1896-97. Nos.	1897-98. Nos.
Receipts	21,336	22,217
Disbursements	50,327	53,907
	71,663	76,124

At the time of writing the report the whole of the journal entries have not been audited by us as the postings therein have only recently been completed in the Chief Accountant's office, but some idea of the work yet remaining to be got through by us will be gained when we mention that the number of vouchers posted in the journal is 1,962, *plus* 5,301 which appertain to the accounts of the Plague Committee, which have been adjusted in 1897-98.

8. Following the usual procedure, comparisons will be made below of the receipts and expenditure of the year as compared with those of the previous year, explanations being given of the causes of the differences where these are large.

9. The *total receipts* of municipal revenue from all sources, including water tax and other miscellaneous water works revenue, interest and profit on investments and rebate to current revenue of plague expenses met from revenue in 1896-97 amounted to

Rs. 71,45,560- 8-5 in 1897-98,
against „ 62,08,977-11-2 in 1896-97,

being Rs. 9,36,582-13-3 in excess of the revenue of the previous year.

10. The *total disbursements* from Municipal Funds, including Water Works Account, amounted to Rs. 74,96,969-2-10. Deducting therefrom Rs. 36,478-7-5, as per particulars given at margin, the net total disbursements amounted to... Rs. 74,60,490-11-5 in 1897-98
against ... ... „ 68,62,142- 1-4 „ 1896-97

	Rs.	a.	p.
Municipal Buildings Fire Insurance Fund.	2,000	0	0
Interest realized on do. ...	1,356	0	10
Interest realized on Worn-out Mains Renewal Fund	15,768	9	8
Interest realized on Net Premia Fund ...	15,376	6	10
Do. do. on School Building Fund ...	977	6	1
	36,478	7	5

being Rs. 5,98,348-10-1 in excess of the disbursements of the previous year.

11. The *opening cash balance* on the 1st April 1897 stood at Rs. 29,76,552-15-10, which sum, *plus* the gross receipts of the year, gives Rs. 1,01,22,113-8-3 against the gross disbursements of

Rs. 74,96,969-2-10, thus leaving a credit balance of Rs. 26,25,144-5-5 on 31st March 1898, which is Rs. 3,51,408-10-5 less than in the previous year.

12. *General Tax.*—(Budget estimate Rs. 18,27,765). The total receipts under this head, comprising House, Police, Lighting and Fire Brigade rates, and including the annual contribution from Government of Rs. 98,374, and from the Port Trust of Rs. 1,52,482 amounted to Rs. 20,56,286-1-11 in 1897-98
against „ 18,54,966-5- 0 in 1896-97

being Rs. 2,01,319-12-11 greater than the receipts of the previous year, due to the recovery of outstandings of previous years, as also to expansion of revenue.

13. *Wheel Tax and Tolls.*—(Budget estimate Rs. 3,74,500). The net realizations under this head amounted
to Rs. 3,46,837-15-3 in 1897-98
against „ 2,46,681- 5-6 in 1896-97

being Rs. 1,00,156- 9-9 more than the receipts of 1896-97 due to recoveries of outstandings of previous years.

14. *Town Duties.*—(Budget Estimate Rs. 9,13,000.)
Gross collection Rs. 17,09,956- 3- 1 in 1897-98
„ „ „ 15,33,743-15- 4 in 1896-97

being Rs. 1,76,212- 3- 9 more than the gross receipts of the previous year as per particulars given below, due to larger imports of sugar and wines and spirits :—

	1897-98.			1896-97.			Difference.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Port Trust Collections	14,50,235	9	10	12,45,672	1	1	2,04,563	8	9
B. B. & C. I. Ry. „	64,555	6	0	59,600	4	0	4,955	2	0
G. I. P. Ry. „	1,95,165	8	3	2,28,471	10	8	—33,306	7	0
	17,09,956	3	1	15,33,743	15	4	1,76,212	3	9

15. *Refund of Town Duties*—

In 1897-98 Rs. 7,58,532-2-0
„ 1896-97 „ 8,88,600-3-0

being Rs. 1,30,068-1-0 less than the refunds of the previous year. It is impossible to estimate the amount of refunds to be paid annually, the amounts being dependent primarily on the quantity of goods exported to outstations.

16. *Commission and Charges* for collecting Town Duties were paid as under :—

Budget Estimate		1897-98.	1896-97.	Difference.
Rs.		Rs. a. p.	Rs. a. p.	Rs. a. p.
39,700	Port Trust...	43,484 13 1	44,698 6 10	1,213 9 9
9,400	G. I. P. Ry.	7,223 14 11	8,924 8 3	1,700 9 4
3,400	B. B. & C. I. Ry....	1,994 1 0	2,288 0 0	293 15 0
52,500		52,702 13 0	55,910 15 1	3,208 2 1

The amount provided for in the budget estimate for 1897-98 was Rs. 500 in excess of the amount provided in 1896-97, in which year the amount in the revised estimate was put down at Rs. 60,454-5-4 while the actuals amounted to Rs. 55,910-15-1 as shown above.

17. *Summary of Town Duties*—

		1897-98.	1896-97.
Gross Collections	Rs.	17,09,956 3 1	15,33,743 15 4
Less—Refund, Commission, Audit, &c., Charges...	„	8,21,339 15 0	9,54,006 2 1
	Rs.	8,88,616 4 1	5,79,737 13 3

18. *Licenses*—

Budget Estimates.	Particulars.	Realizations.	
		1897-98.	1896-97.
Rs.		Rs. a. p.	Rs. a. p.
60,000	(*a*) Dangerous and offensive trades	64,078 8 0	56,165 8 0
3,400	(*b*) Streets and Buildings ...	3,340 0 0	3,055 0 0
25,600	(*c*) Land conveyance, music, &c.	21,344 4 0	14,864 14 0
89,000		88,662 12 0	74,085 6 0

The expenditure incurred during the year under item (*a*) amounted to Rs. 15,928-5-5, and under item (*c*) to Rs. 10,338-10-10, leaving a net revenue of Rs. 48,150-2-7 and Rs. 11,005-9-2, respectively, under those heads.

19. *Liquor Licenses.*—The usual fixed amount of Rs. 1,43,750 was paid by Government in the month of April 1897, in accordance with Section 63, Act V of 1878.

20. *Tobacco Duty.*—(Budget Estimate, Rs. 2,07,250). The net receipts under this head, collected through the Collector of Customs, amounted to Rs. 1,89,323-6-9 in 1897-98 against Rs. 1,82,867-4-3 in 1896-97, which is Rs. 6,456-2-6 more than the recoveries of the

preceding year. The increased budget provision of Rs. 17,750 over the estimate for 1896-97 was due to the increase anticipated by the Collector of Customs whose anticipations have not been wholly realized.

21. *Halalkhor Tax.*—(Budget Estimate Rs. 7,06,000).

Net recovery for 1897-98 ... Rs. 7,35,485- 4- 7
Do. 1896-97 ... „ 6,88,485-11-11

being Rs. 46,999- 8- 8 more than the receipts of 1896-97.

22. *Water Tax and other Miscellaneous Water Tax Revenue.*—(Budget estimate, Rs. 14,67,000).

Net realization Rs. 13,29,851-15-7 in 1897-98
against „ 13,98,410- 0-2 in 1896-97

being Rs. 68,558- 0-7 less than in the previous year.

23. In addition to the realizations above given, the sum of Rs. 15,768-9-8 has to be added on account of interest realized on the Worn-out Mains Renewal Fund, and Rs. 3,869-4-3 on account of interest on the Net Premia Fund Investment.

24. The total expenditure on account of Water Works, including New Works, Interest and Sinking Fund on Loans, &c., amounted to Rs. 16,84,069-15-8 in 1897-98
against „ 16,05,991- 1-4 in 1896-97, which shows an increase of

Rs. 78,078-14-4, as compared with the expenditure of the previous year.

25. The total expenditure on account of Water Works above given, when compared with the receipts of the year, shews an excess over the latter of Rs. 3,34,580-2-2.

Expenditure ...Rs. 16,84,069-15-8
Receipts ... „ 13,49,489-13-6
Rs. 3,34,580- 2-2

The excess over receipts in 1896-97 was Rs. 1,89,867-6-3.

26. *Markets and Slaughter-Houses*—

Budget Estimates.	Particulars.	1897-98.	1896-97.
		Rs. a. p.	Rs. a. p.
3,68,000	Receipts	3,47,537 11 9	3,76,803 5 10
1,81,325	Expenditure	1,50,745 11 6	1,40,269 8 6
	Net Income... ...	1,96,792 0 3	2,36,533 13 4

27. The net results of the year show that the receipts exceeded the expenditure by Rs. 1,96,792-0-3, as compared with the pervious year's receipts and expenditure ; the net income is less by Rs. 39,741-13-1.

28. *Public Gardens Income.*—(Budget Estimate, Rs. 8,000). The receipts as compared with those of the previous year were as under :—

1897-98	...	...	...	...	Rs. 5,589-10-1
1896-97	...	...	...	...	„ 7,740- 2-0
					Rs. 2,150-7-11

which gives a reduced revenue of Rs. 2,150-7-11 for the year as against Rs. 71-13-11 in 1896-97.

29. *Maintenance of Public Gardens.*—Victoria Garden.—(Budget Estimate, Rs. 56,449.)

Actual expenditure in 1897-98	...	Rs. 48,981-11-10
Do. in 1896-97	...	„ 48,806-14- 5
	being Rs.	174-13- 5 more

than the previous year.

30. The expenditure during 1897-98, on account of the Victoria Garden, excluding cost of new works* exceeded the receipts of that year by Rs. 43,392-1-9 against Rs. 41,066-12-5 of the previous year.

* Rs. 15,538-0-4.

31. *Maintenance of the remaining Eight Gardens.*—(Budget Estimate, Rs. 9,108.)

Expenditure in 1897-98	...	...	Rs. 6,926-15-10
Do. in 1896-97	...	...	„ 8,391-12- 4
		being Rs.	1,464-12- 6 less than

the expenditure of the previous year.

32. The aggregate expenditure on all the gardens, including new works, amounted to Rs. 71,446-12-0, which is Rs. 11,134-9-4 more than the aggregate expenditure of the previous year.

33. *Miscellaneous Fines and Penalties.*—(Budget Estimate, Rs. 11,000.)

Actual receipts in 1897-98 ...	...	Rs.	8,686- 7-3
Do. in 1896-97 ...	...	„	11,509-15-3
	i.e.,	Rs.	2,823- 8-0 less than

the receipts of the previous year.

34. *Miscellaneous Receipts.*—(Budget Estimate, Rs. 1,30,000.)

Actual receipts in 1897-98	...	Rs.	1,44,971- 3- 0
Do. in 1896-97	...	„	1,18,678- 8- 8

which is Rs. 26,292-10- 4 more than the receipts of the previous year.

35. *Miscellaneous Fees.*—(Budget Estimate, Rs. 50,000.)

Actual receipts in 1897-98	...	Rs. 31,283-11-2
Do. in 1896-97	...	„ 40,665-15-9

i.e., Rs. 9,382- 4-7 less than the receipts of the previous year.

36. *Miscellaneous Savings.*—(Budget Estimate, Rs. 3,500.)

Savings in 1897-98	...	Rs. 12,420- 7- 8
„ in 1896-97	...	„ 5,196-11-10

i.e., Rs. 7,223-11-10 more than the savings of the previous year, which is due to forfeiture of wages of labourers who had not applied for the same within the prescribed time.

37. *Tramway Rent.*—(Budget Estimate, Rs.48,500).

Receipts in 1897-98	...	Rs. 49,025-15-4
Do. in 1896-97	...	„ 47,427- 8-4
Difference...		Rs. 1,598- 7-0

The excess of receipts is due to the doubling of the tram line at Kalbadevi Road.

38. *Contribution from Municipal Servants towards Pension Fund.*—(Budget Estimate, Rs. 20,000.)

Receipts in 1897-98	...	Rs. 18,963- 3- 2
Do. in 1896-97	...	„ 19,653-12-10
Difference ...		Rs. 690- 9 -8

The difference is due to arrears of pension contribution having been received in 1896-97 from some old employés who were specially admitted to the benefit of the fund.

39. *Sale Proceeds of Unserviceable Articles of Tools and Plant, &c.*—(Budget Estimate, Rs. 5,000.) There have been no realizations under this head, against Rs. 1,811-13-9 in 1896-97 as the sales were effected late in the year and the realizations accounted for in 1898-99. It is believed that the old method under which unserviceable stores were disposed of has been replaced by a new system, by which it is probable better prices will be realized in the future.

40. *Actual Profit on Sale of Stores to Contractors, &c.*—(Budget Estimate, Rs. 5,000.) The amount realized under this head is Rs. 7,168-9-10, against Rs. 8,447-1-4 in 1896-97. The difference is trifling and hardly requires explanation.

41. *Interest and Profit on Investments of Surplus Loan and other Balances.*—(Budget Estimate, Rs. 1,50,000.)

	Rs.	a.	p.
Realizations in 1897-98	1,29,643	11	0
Do. in 1896-97	1,99,256	1	7
Decrease... Rs.	69,612	6	7

The decrease would appear to be due to investable funds not being available to the same extent as in the preceding year.

42. *Interest on Sinking and Insurance Funds Investments—*

Budget Estimate.	Particulars.	1897-98.			1896-97.		
		Rs.	a.	p.	Rs.	a.	p.
75,600	5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investment	76,963	10	2	63,734	8	0
1,290	Municipal Buildings Fire Insurance Fund Investment	1,356	0	10	1,118	8	0
14,900	Worn-out Mains Renewal Fund Investment	15,768	9	8	12,957	1	6
15,580	Investment of net premia, &c., received on different Municipal Loans... ...	15,376	6	10	13,343	1	7
1,230	School Building Fund	977	6	1	.....		
1,08,600		1,10,442	1	7	91,153	3	1

43. *Net premia on the 2nd instalment of 5¾ lakhs of the 15¾ lakhs Loan.*—The sum of Rs. 20,000 was provided in the budget estimate as the amount of anticipated premia on the amount of the loan that it was intended to raise in 1897-98. But as the loan was not floated owing to financial difficulties, the amount of income of the year has been decreased by the corresponding amount.

44. *Workshops.*—The receipts and expenditure on account of work executed are as under :—

	1897-98.			1896-97.		
	Rs.	a.	p.	Rs.	a.	p.
Receipts	1,16,267	5	8	1,00,217	6	2
Add—Outstandings	6,967	9	1	14,061	3	3
	1,23,234	14	9	1,14,278	9	5
Deduct—Expenditure	1,22,083	11	5	1,05,216	13	2
Profit ...	1,151	3	4	9,061	12	3

The reduced profit is due to the sum of Rs. 5,400 having been paid to Government in excess of payment of previous years for ground rent.

45. The outstandings of the year compare favorably with those of the previous year. Out of the sum of Rs. 6,967-9-1 shewn as outstanding in 1897-98, the sum of Rs. 6,225-14-4 represents the value of *incomplete* works and comprises the following items :—

	Rs.	a.	p.
Public Health Department	5	15	11
Drainage Department	2,168	1	5
Executive Engineer's Department ...	3,689	10	7
Water Works Department	20	9	4
Public Gardens...	19	1	3
Plague Department	332	7	10
Rs.	6,235	14	4

46. *Private Works*—The amounts expended and those recovered on account of private works are as under :—

	1897-98. Rs.	a.	p.	1896-97. Rs.	a.	p.
Receipts	73,156	1	7	30,882	9	7
Deduct—Outstandings of previous year	48,359	7	5	2,540	2	6
Actual receipts for the year...	24,796	10	2	28,342	7	1
Add—Outstandings	1,13,314	10	6	48,359	7	5
Total Receipts for the year ...	1,38,111	4	8	76,701	14	6
Deduct—Expenditure	1,34,462	5	1	73,113	12	10
	3,648	15	7	3,588	1	8
Excess recoveries	242	0	5	593	9	6
Total profit during the year ...	3,891	0	0	4,181	11	2

47. *Departmental Works*—

	1897-98. Rs.	a.	p.	896-97. Rs.	a.	p.
Receipts	1,27,316	1	8	1,33.792	4	4
Deduct—Outstandings of previous year	2,095	15	1	19,187	8	2
	1,25,220	2	7	1,14,604	12	2
Add—Outstandings	3,764	13	8	2,095	15	1
Total receipts for the year... ...	1,28,985	0	3	1,16,700	11	3
Total expenditure for the year ...	1,28,985	0	3	1,16.700	11	3

48. From the figures given in the preceding two paras it will be observed that the unadjusted outstandings aggregate Rs. 1,17,079-8-2, and it would seem that the sum of Rs. 1,13,314-10-6 is more than should be allowed to remain unrecovered.

49. *General Superintendence—*

Budget Estimates.	Sub-heads.	1897-98.			1896-97.		
Rs.		Rs.	a.	p.	Rs.	a.	p.
58,682	Corporation and Standing Committee Establishment	54,825	14	9	54,624	2	11
54,116	Municipal Commissioner's Personal Office Establishment	73,270	13	2	54,903	1	0
35,625	General Office Establishment	30,271	9	6	33,871	8	11
64,614	Accounts and Expenditure Audit Establishment	56,423	8	0	57,142	2	0
2,13,037		2,14,791	13	5	1,99,640	14	10

The excess over the expenditure of 1896-97 is Rs. 15,150-14-7, due principally to increase under the head "Municipal Commissioner's Personal Office Establishment," which was caused principally by the payment to the Deputy Commissioner from 3rd March 1897.

50. *Assessment and Collection Department—*

Budget Estimates.	Sub-heads.	1897-98.			1896-97.		
Rs.		Rs.	a.	p.	Rs.	a.	p.
1,50,704	Property and Wheel Tax Establishment.	1,44,000	14	2	1,40,734	13	5
52,500	Port Trust and Railway (Town Duty Departments)	52,702	13	0	55,910	15	1
2,016	Tolls Collection	1,988	0	0	1,680	0	0
30,778	Licensing Establishment	26,367	0	3	24,071	7	1
25,944	Revenue and Refund Audit Office Establishment	25,528	13	1	25,761	13	10
2,61,942		2,50,487	8	6	2,48,159	1	5

The expenditure of the year exceeded that of the preceding year by Rs. 2,328-7-1 only, due in a measure to increase in cost of "Licensing Establishment" and "Property and Wheel Tax Establishment."

51. *Fire Brigade.*— (Budget Estimate, Rs. 1,20,898.)

Expenditure in 1897-98	Rs.	1,18,507-12-0
Do. in 1896-97	„	1,07,653-13-0
Difference ...	Rs.	10,853-15-0

The expenditure incurred in 1897-98, it will be observed, was Rs. 10,853-15-0 more than in the previous year.

52. The additional ½ per cent. tax on account of Fire Brigade charges realized the sum of Rs. 1,20,960-14-1 during the year.

53. The total revenue from the tax levied on this account has, as has been shown in previous reports, exceeded the expenditure, and in the year under report the revenue has again exceeded expenditure by Rs. 2,453-2-1.

54. *Engineer's Department—*

Budget Estimate.	Sub-heads.	1897-98.	1896-97.	Difference.
Rs.		Rs. a. p.	Rs. a. p.	Rs. a. p.
49,340	General Supervision and Miscellaneous Duties	48,996 8 11	49,736 8 5	—739 15 6
1,29,371	Drainage—Miscellaneous Drainage	1,13,229 0 7	1,20,546 13 6	—7,317 12 11
94,823	„ Maintenance of Love Grove Pumping Station	96,646 1 5	89,953 4 3	6,692 13 2
4,200	„ Sluices	4,019 0 8	3,832 7 2	186 9 6
32,608	„ Colaba Pumping Station	21,332 2 1	23,133 13 6	—1,801 11 5
2,42,013	Water Works Maintenance	2,48,285 3 8	2,16,042 2 8	32,243 1 0
85,652	Streets and Buildings—Inspection and Supervision	76,136 5 4	82,358 3 6	—6,221 14 2
2,84,031	„ „ Public Lighting	2,63,812 1 11	2,59,274 13 2	4,537 4 9
80,400	„ „ Road Watering	72,987 8 2	91,352 0 2	—18,364 8 0
3,71,900	„ „ Roads, Foot-paths, &c.	3,70,183 4 7	3,29,779 3 10	40,404 0 9
1,02,500	„ „ Street Improvements	1,16,540 2 1	1,03,994 0 10	12,546 1 3
38,642	Cleaning, Lighting, and Repairing Port Trust Wharves, Roads, &c.	38,642 0 0	38,642 0 0	Nil.
15,75,570	3	14,70,809 7 5	14,08,645 7 0	62,164 0 5

The most noticeable increases, as compared with the expenditure of the previous year, were under the following heads:—

(*a*) Water Works Maintenance.
(*b*) Roads, Footpaths, &c.
(*c*) Street Improvements.

Under (*a*) the increase was due principally to the cost of strengthening the Kasheli Embankment on the Tansa Duct. Under (*b*), due to less expenditure incurred in 1896-97 on road repairs, owing to scarcity of labour in that year caused by plague. Under (*c*) the amount of amended budget grant amounted to Rs. 1,20,388-5-8, which includes Rs. 12,500, additional grant sanctioned by the Corporation, and Rs 5,388-5-8, the amount of lapsed grant for 1896-97 renewed by the Standing Committee. The actual expenditure of the year has therefore fallen below the budget grant by Rs. 3,848-3-7.

55. *Hospitals.*—

Budget Estimates.	Sub-heads.	1897-98.	1896-97.
Rs.		Rs. a. p.	Rs. a. p.
36,000	Goculdas Tejpal	33,426 9 10	32,101 0 7
3,000	Jaffer Sulleman	3,000 0 0	3,000 0 0
18,000	Matunga Leper Asylum	17,806 14 4	18,000 0 0
57,000		54,233 8 2	53,101 0 7

Though, as compared with the expenditure of 1896-97, there has been a slight increase, the actuals are well within the budgetted amount. The slight increase calls for no comment.

56. *Mahaluxmi Dhobiwada*—(Budget Estimate, Rs. 34,653.)

	1897-98.	1896-97.
Receipts	Rs. 16,779 0 0	17,021 10 0
Expenditure	„ 19,186 4 2	31,263 13 6
Difference	Rs. 2,407 4 2	14,242 3 6

From the figures above given it will be observed that the expenditure yet remains greater than the receipts. As compared with the previous year there has been a decrease in expenditure amounting to Rs. 12,077-9-4, due to a change in the system of charging for departmental water supply, under which the bills of only nine months have been adjusted in the accounts for 1897-98.

57. *Milch Cattle Stables and Rooms*—(Budget Estimate, Rs. 10,933.)

	1897-98.	1896-97.
Receipts	Rs. 15,671 0 5	15,345 7 2
Expenditure	„ 7,768 2 9	9,724 8 5
Actual Profit	Rs. 7,902 13 8	5,620 14 9

The expenditure of the year has been less than that of the preceding year, while the receipts have exceeded those of the same period. The net profit has been Rs. 7,902-13-8.

58. *Police charges.*—The amount provided on this account in the budget estimate was Rs. 5 lakhs, which sum was paid to Government. The actuals of 1896-97 amounted to Rs. 5,51,589.

59. *Health Department*—

Budget Estimates.	Sub-heads.	1897-98.	1896-97.	Difference.
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
13,34,380 0 0	General Supervision and Conservancy	12,82,906 13 5	11,63,036 8 10	1,19,869 4 7
1,81,826 0 0	Markets and Slaughter Houses	1,50,745 11 6	1,40,269 8 6	10,476 3 0
20,958 0 0	Registration of Births and Deaths	20,513 5 0	18,768 1 4	1,745 3 8
8,559 0 0	Cemeteries	22,609 11 7	7,511 13 9	15,097 13 10
660 0 0	Laboratory	327 7 9	342 12 3	— 15 4 6
34,653 0 0	Mahaluxmi Dhobivada	19,186 4 2	31,263 13 6	—12,077 9 4
2,483 0 0	Infectious Diseases	68,339 6 0	16,513 14 1	41,825 7 11
10,933 0 0	Milch Cattle Stables and Rooms	7,768 2 9	9,724 8 5	—1,956 5 8
6,180 0 0	Tank Conservancy	5,989 7 6	5,955 8 10	33 14 8
877 0 0	Rastamji Jamsedji Dharmsala	184 4 3	177 11 6	6 8 9
17,284 0 0	Vaccination Contribution to Government	17,084 13 7	16,302 11 2	782 2 5
16,24,742 0 0		15,85,654 7 6	14,09,367 0 2	1,76,787 7 4
20,000 0 0	*Less* anticipated savings.			
16,04,742 0 0				

In addition to the expenditure under the above heads the following items were expended under the undermentioned heads :—

(*a*) Erecting temporary stables for the segregation of cattle suffering from foot and mouth disease, Rs. 503-10-2.

(*b*) Inspecting milch cattle and stables in the City during the prevalence of foot and mouth disease, Rs. 474-13-5.

It is noteworthy that in the estimate for 1897-98 the sum of Rs. 1,05,000 was specially provided to meet the excess cost of feeding bullocks, &c., which has been distributed proportionately under the heads " General Supervision and Conservancy, Markets and Slaughter-Houses and Cemeteries."

The preceding remark explains the great difference under the three heads indicated as compared with the expenditure of 1896-97.

The excess of Rs. 41,825-7-11 under the head " Infectious Diseases" was due to extra establishment and medical comforts entertained at, and supplied to, the Arthur Road Hospital, consequent on the large number of plague patients treated there.

60. *Cost of Special Sanitary Measures for the suppression of Plague.*—Out of the several grants sanctioned by the Corporation in 1897-98 to meet the extraordinary charges in connection with the plague, the sum of only Rs. 5,00,000 has been debited to that head owing to provision to that extent having been made in the budget for 1898-99, *vide* Introductory remarks therein. The difference between this sum and the actual expenditure has been shown in statement No. 3 with Chief Accountant's Report under the head " Loan Works Plague Charges." The sum thus shown *plus* the 5 lakhs shown under " Plague Charges" in 1896-97 and 1897-98 will make up the total expenditure adjusted against that head up to 31st March 1898.

61. *Miscellaneous—*

Budget Estimates.	Sub-heads	1897-98.			1896-97.		
Rs.		Rs.	a.	p	Rs.	a.	p.
50,000	Pensions, Gratuities, &c.	70,096	0	7	58,600	12	0
7,000	Discretional Contingencies	5,686	5	3	3,982	10	6
10,000	Auditors' Allowance	10,000	0	0	10,331	12	9
10,000	Election Expenses	9,350	5	7	630	1	6
.....	Grain Compensation to Peons, &c. ...	82,029	4	4	18,161	7	11

The items comprising the sum of Rs. 5,686-5-3 under the head "Discretional Contingencies" are given below :—

		Rs. a. p.	Rs. a. p.
1.	Additional expenses incurred by Messrs Cursetjee and Sons in supplying 127 pairs of bullocks to the Health Department	825 8 0	
2.	Purchase of a double safety valve complete at a cost of Rs. 75, and one dozen rubber valves at a cost of Rs. 27, from Messrs John Fleming and Co.... ...	102 0 0	
3.	Making a recess for the accommodation of a dust-bin cart at the Foras Road Depot ground	62 3 7	
4.	Rent of ground belonging to the B. B. & C. I. Railway Company occupied by the Bombay Municipality at Gun Carriage yard, Colaba, from October 1896 to 10th November 1897.	266 11 0	
5.	Appointment of Mr. H. A. Foy to inspect all milch cattle and bullock stables on a salary of Rs. 150 and actual conveyances per mensem owing to the outbreak of foot and mouth disease among milch cattle.	169 0 0	
6.	Construction of a lean-to-shed in the Municipal Workshops for keeping in Fire Engines belonging to the Health Department	353 3 10	
7.	Purchase of 2,000 ft of 2½" rubber-lined canvas hose for flushing gullies by the Health Department ...	787 0 6	
8.	Wages of two watchmen employed to guard the electrolizing plant at the Carnac Bunder Bridge tank during the monsoon from July 1897... ...	57 12 4	
9.	Employment of two extra farriers on Rs. 20 per mensem each, to assist in attending the bullocks attacked with foot and mouth disease during the prevalence of epidemic	60 0 1	
10.	Employment of two Police Ramosees at Rs. 11-4-0 each, *plus* Rs. 1-8-0 grain compensation, at the Mohomedan Burial Ground at Sonapoor for day and night duty, from 11th June 1897 to 28th February 1898 ...	221 0 0	
11.	Employment of a Ramoosee for night duty at the Mahomedan cemetery, Tank Bunder at Rs. 11-4-0 *plus* Rs. 1-8-0 grain compensation	66 11 8	
12.	Employment of two Ramosees at the rate of Rs. 11-4-0 *plus* Rs. 1-8-0 for grain Compensation at Grant Road Burial Ground	78 4 0	
			3,044 7 0
13.	Printing 100 copies of History of the Drainage and Sewerage of Bombay	520 0 0	
14.	Constructing a compound wall along the vacant Municipal ground at Ripon Road near the property of Mr. Camerally Mizaferally...	212 7 3	
15.	Raising the level of the Mustan Tank to drain the foul water by delivering the fresh water to the bottom of the tank by means of a hose from the nearest hydrant	95 12 4	
16.	Supplying 6 umbrellas to night-duty Naiks and Watchmen	9 0 0	
17.	Providing an inspection chamber at the premises owned by Bai Nawajbai in 4th Marine Street ...	70 7 9	
18.	Giving a street connection to the premises owned by Mr. Ardasir Maneckjee at DeLisle Road	1 7 3	
19.	Providing an inspection chamber at the house No. 18, Slater Street	217 12 0	
20.	Purchase of a land for street improvement from Mr. Bomanjee Jejeebhoy at Vanka Molla	34 15 8	
			1,161 14 3
	Carried over ...		4,206 5 3

		Rs.	a.	p.	Rs.	a.	p.
	Brought over ...				4,206	5	3
21.	Cost of 20 gas jets obtained by telegram and value-payable parcel from Messrs. P. Orr & Sons of Madras for the new laboratory				43	1	6
22.	Purchase of a table for placing the type-writer of the Chief Accountant's Office				20	0	0
23.	Purchase of a Remington Type-writer with table, blue copying ribbon, brush and carbon papers from Messrs. Warden & Co. for the use of the Assessment Department				416	8	0
24.	Purchase of telegraphic articles in connection with the work of testing lightning conductors ...				174	4	9
25.	Engineering records from 31st May 1895 to 29th February 1896 supplied by D. B. Taraporewala & Sons				22	8	0
26.	Telephone connection with Bandora Slaughter-House and Victoria Gardens				250	0	0
27.	Purchase of one copy of the Practical Encyclopœdia from Messrs. D. E. McConnell and Co.				25	0	0
28.	Binding pay abstracts in 30 volumes at Bombay Education Society's Press				316	0	0
29.	Purchase of books of the late Mr. H. Newton, Acting Deputy Executive Engineer, Water Works... ...				59	0	0
30.	Telegram to London through King, King & Company to ascertain re. Mr. P. Mehta's return to India ...	21	14	0			
31.	Telegram to Mahableshwar	27	10	0			
32.	Telegram to Mr. P. Mehta to inquire if he intends to return to India to take part in debate in the Legislative Council on the New Trust Bill ...	96	9	9			
					146	1	9
33.	Grain compensation to Police Ramoseo employed by the Health Department in December 1897... ...				7	8	0
	Total... Rs.				5,686	5	3

The additional grant sanctioned by the Corporation on account of grain compensation is Rs. 83,940, and the lapsed grant renewed by the Standing Committee Rs. 607-1-3, making a total of Rs. 84,547-1-3; the actual expenditure has therefore been covered by the sanctioned grants.

62. *Education*—

Budget Estimates.	Sub-heads.	1897-98. Rs.	a.	p.	1896-97. Rs.	a.	p.
Rs.							
72,478	Primary Education...	72,478	0	0	59,135	0	0
1,800	School for Deaf and Dumb Mutes ...	1,800	0	0	1,800	0	0
2,500	Veterinary College	2,500	0	0	2,500	0	0
11,594	Victoria and Albert Museum	10,130	8	9	10,287	8	4
10,000	Victoria Jubilee Technical Institute ...	10,000	0	0	10,000	0	0
6,036	Joint Schools Committee's Establishment.	5,715	1	11	5,166	0	8
.....	School Building Fund	.....			50,000	0	0
1,04,408	Total ... Rs.	1,03,623	10	8	1,38,888	8	7

No provision on account of School Building Fund was made in the budget estimate for 1897-98. The total amount including interest standing to the credit of the School Building Fund on 31st March 1898 was Rs. 50,977-6-1.

The usual report on the audit of the accounts of the Municipal School Funds is appended.

63. *Special and Extraordinary Works—*

Budget estimate, Rs. 99,841. Amended estimate Rs. 2,86,022

Expended in 1896-97	Rs.	1,47,003-5-9
„ 1897-98	„	1,39,577-4-7

The new works executed during the year and their cost under major heads are given below :—

	Rs.	a.	p.
Drainage Miscellaneous Works	64,509	14	5
Water Works	27,281	10	7
Streets and Buildings	1,942	9	8
Sanitary and other Miscellaneous Works ...	45,843	1	11
Rs.	1,39,577	4	7

The noticeable items of expenditure under the above heads are :—

	Rs.	a.	p.
(*a*) Purchase of electrolisers and working of the same at Carnac Bunder	29,796	3	11
(*b*) Cost of the old boiler-house, portable engine-house, the shred-lifter room, &c.... ...	15,600	0	0
(*c*) Plastering and pointing the walls at Bhundarwada Reservoir	22,066	2	3
(*d*) Making improvements to the chawls occupied by Butchers' peons at Bandora Slaughter-Houses	9,080	10	4

The sum of Rs. 7,426-1-2 has been less expended in 1897-98 than in 1896-97 ; the reduction was however not so noticeable as in 1896-97 when compared with the expenditure of 1895-96.

64. *Loan Works—*

		Rs.	a.	p.
Expended in 1896-97		9,24,927	13	5
„ 1897-98		29,57,603	5	7
	Difference... Rs.	20,32,675	8	2

Loan works summarised :—

	Rs.	a.	p.
Drainage	5,02,935	1	0
Water Works	73,242	8	11
Markets...	41,916	6	0
Fire Brigade	20,896	11	8
Miscellaneous Works	4,06,323	5	0
Roads and Streets	1,49,450	9	5
Plague Charges	17,62,838	11	7
Total...	Rs. 29,57,603	5	7

Against the expenditure above given, the following sums should be deducted, being amounts credited to those heads:—

	Rs.	a.	p.
Drainage	15,600	0	0
Roads and Streets	28,810	12	9

65. *Municipal Debt.*—Particulars in regard to the payments made under this head are given in the Municipal Commissioner's report and do not need to be repeated here.

66. *Personal Accounts of Municipal Officers, &c.*—The amount of permanent advances made to Municipal officers to meet contingent expenditure, also such sums as have been carried to this head pending adjustment, and advances to the Chairman Plague Committee amounted on 31st March 1898 to Rs. 2,27,227-4-3 against Rs. 1,28,814-3-8 on the same date in 1896-97.

67. *Reserve Stock.*—The value of stock on hand on 31st March 1898 was as under:—

	1897-98.	1896-97.
	Rs. a. p.	Rs. a. p.
Executive Engineer	22,418 3 3	8,862 6 2
Drainage "	3,92,659 4 11	3,81,452 13 9
Water "	4,22,005 10 3	4,43,965 5 4
General Stock	66,503 9 4	67,560 3 3
Total... Rs.	9,03,586 11 9	9,01,840 12 6

68. *Income Tax.*—During the year under review the amount of Income Tax recovered by the Chief Accountant from the fees paid to the members of the Standing Committee, and the salaries and wages of Municipal officers and servants from whom the tax is recoverable, also on Wheel Tax, amounted to Rs. 27,839-0-1, of which sum Rs. 27,033-13-4 were paid to the Income Tax Collector, leaving a balance of Rs. 205-2-9 due to Government, which was paid during the current year.

69. *Assets and Liabilities.*—The following figures shew the Assets and Liabilities of the year, as compared with those of the preceding year :—

	1897-98.			1896-97.		
	Rs.	a.	p.	Rs.	a.	p.
Assets	5,66,61,883	12	10	5,56,70,448	8	1
Liabilities ...	4,16,54,268	11	4	3,89,81,231	9	4
Difference ...Rs.	1,50,07,615	1	6	Rs. 1,66,89,216	14	9

70. *Scrutiny of Collectoins and of Outstanding Bills of Rates and Taxes for the year* 1897-98 *and of previous years.*

71. *Collections.*—During the year under report there were issued by the Assessor and Collector 84,291 net demand assessment bills for Property and Wheel Tax of the value of Rs. 38,69,537-6-5, and 2,291 bills for meter hire for the same year of the value of Rs. 13,979-14-2.

The following figures give the particulars of the bills and collection :—

	Rs.	a.	p.	Rs.	a.	p.
84,570 bills for Property and Wheel Tax were issued for 1897-98 of the value of				38,29,398	5	1
2,291 bills for meter hire for 1897-98				13,979	14	2
Add—507 bills for the year 1896-97	36,074	4	10			
106 " " 1895-96	3,494	1	5			
56 " " 1894-95	309	6	10			
52 " " 1893-94	261	4	3			
721				40,139	1	4
Total number of bills for 1897-98...				38,83,517	4	7
Add—Government and Port Trust contribution ..	2,50,856	0	0			
Outstandings for 1896-97...	3,12,747	14	6			
				5,63,603	14	6
Total amount to be collected in 1897-98...				44,47,121	3	1
Less—Collection made by the Assessor and Collector	40,38,420	10	8			
Paid by Government and Port Trust	2,50,856	0	0			
				42,89,276	10	8
				1,57,844	8	5
Deduct—Amount of bills recalled, amended, and cancelled for all years from 1888-89 to 1896-97				49,219	3	3
Total outstandings on the 31st day of March 1898 ... ... Rs.				1,08,625	5	2

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 30*th September* 1898.

To

M. N. WADIA, Esq.,

Acting Municipal Secretary,

BOMBAY.

SIR,

In accordance with the 137th Section of the Bombay Municipal Act of 1888, we have the honor to forward three Appendices marked A, B, and C, containing the result of our scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the Office of the Assessor and Collector on the 31st day of March 1898.

These Appendices form a part of our Annual Report on Municipal Accounts for the year 1897-98 now under preparation.

We have the honor to be,
Sir,
Your obedient servants,
NANABHAI RASTAMJI RANINA,
A. THOMSON,

Municipal Auditors.

[redacted], *28th July* 1898.

APPENDIX A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1898.

FOR THE YEAR 1897-98.

Ward.	No. of Bills.	AMOUNT. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	470	7,275 2 9	2,945 11 3	2,859 3 1	13,080 1 1	30 7 0	1,756 0 6	18,185 2 1	2,064 6 0	740 0 0	35,856 0 8
B	123	2,358 7 4	1,069 6 11	775 12 2	4,203 10 5	9 0 0	86 8 0	709 1 1	403 0 0	42 0 0	5,403 3 6
C	357	6,344 11 10	2,884 12 5	2,318 5 6	11,547 13 9	17 0 0	246 1 0	622 11 1	611 8 0	42 0 0	13,087 1 10
D	527	5,886 5 10	2,532 8 10	2,156 14 3	10,575 12 11	150 11 3	769 8 9	2,755 1 7	1,948 11 0	256 0 0	16,455 13 6
E	313	3,863 9 0	1,331 18 9	1,443 14 10	6,639 5 7	690 8 9	1,512 14 7	1,609 5 4	259 1 0	145 0 0	10,856 3 3
F	154	1,955 8 4	898 10 0	480 11 3	2,834 13 7	16 5 4	3,112 9 11	1,563 14 10	161 11 0	17 0 0	7,696 6 8
G	346	1,589 14 5	426 12 2	1,091 12 2	3,108 6 9	6 0 0	481 7 0	218 4 0	65 0 0	283 0 0	4,162 1 9
Total...	2,290	29,273 11 6	11,589 11 4	11,126 9 3	51,990 0 1	920 0 4	7,905 1 9	25,663 8 0	5,513 5 0	1,525 0 0	93,516 15 2

NANABHAI RASTAMJI RANINA,
A. THOMSON, *Municipal Auditors.*

BOMBAY, *28th July* 1898.

APPENDIX B.

STATEMENT of OUTSTANDING BILLS of RATES and TAXES in arrears for the year 1896-97 and the previous years remaining in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1898.

Ward.	No. of Bills.	Amount.								
		On Value.				Compounded or Special.			Tax on Vehicles and Animals.	Grand Total.
		General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.		
FOR THE YEAR 1896-97.										
A	55	Rs. a. p. 1,948 10 7	Rs. a. p. 311 9 7	Rs. a. p. 309 5 8	Rs. a. p. 2,569 9 10	Rs. a. p.	Rs. a. p. 30 7 2	Rs. a. p. 407 4 0	Rs. a. p. 138 3 0	Rs. a. p. 3,145 8 0
B	14	477 1 6	218 11 4	167 12 8	863 9 6	.....	.....	522 15 11	86 14 6	1,423 7 11
C	52	717 15 5	350 5 4	270 13 6	1,339 2 3	.....	.....	.....	351 12 0	1,690 14 3
D	74	556 3 0	181 9 8	203 12 7	941 9 3	.....	11 9 5	120 14 6	333 0 0	1,407 1 2
E	44	1,240 4 5	196 9 10	423 3 7	1,860 1 10	.....	642 9 8	457 4 11	8 11 0	2,968 11 5
F	9	642 11 6	308 3 4	50 1 7	1,001 0 5	.....	1,168 0 0	.....	15 0 0	2,184 0 5
G	29	31 7 5	11 12 4	25 11 9	68 15 6	.....	14 8 0	.....	.....	83 7 6
Total...	277	5,614 5 10	1,578 13 5	1,450 13 4	8,644 0 7	.....	1,867 2 3	1,508 7 4	883 8 6	12,903 2 8
1895-96.										
A	19	473 11 11	243 1 9	31 2 1	747 15 9	.....	15 15 10	.....	20 0 0	783 15 7
B	4	69 1 2	27 12 10	20 13 8	107 11 8	.....	.....	.....	.....	107 11 8
D	3	11 11 0	5 8 1	4 10 5	21 13 6	.....	.....	.....	17 0 0	38 13 6
E	11	71 13 4	17 3 4	12 14 6	101 15 2	.....	.....	64 13 10	.....	166 13 0
F	3	21 2 4	9 0 0	6 12 0	36 14 4	.....	.....	.....	46 0 0	82 14 4
G	6	2 14 11	1 6 2	3 10 11	8 0 0	.....	7 4 0	.....	.....	15 4 0
Total...	46	640 6 8	304 0 2	79 15 7	1,024 6 5	.....	23 3 10	64 13 10	83 0 0	1,195 8 1
1894-95.										
A	4	68 11 10	32 5 7	24 4 8	125 5 8	.....	2 7 9	.....	.....	127 13 5
B	6	59 1 2	27 12 10	20 13 8	107 11 8	.....	.....	.....	21 7 3	129 2 11
E	3	10 10 0	3 3 3	2 6 5	16 3 8	.....	.....	.....	.....	16 3 8
Total...	13	138 7 0	63 5 8	47 3 4	249 5 0	.....	2 7 9	.....	21 7 3	273 4 0
Carried over...	336	6,393 3 6	1,946 3 3	1,578 5 3	9,917 12 0	.....	1,892 13 10	1,573 5 2	987 15 9	14,371 14 9

APPENDIX B—*concluded.*

Ward.	No. of Bills	AMOUNT. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over..	336	6,393 3 6	1,946 3 3	1,578 5 3	9,917 12 0	.....	1,892 13 10	1,573 5 2	987 15 9	14,371 14 9
1893-94.										
B	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	.....	29 5 9
E	6	40 6 0	17 3 4	12 14 6	70 7 10	.....	.....	.....	.....	70 7 10
Total..	8	56 7 6	24 12 8	18 9 5	99 13 7	.....	.....	.....	.....	99 13 7
1892-93.										
A	5	.....	0 14 4	0 10 9	1 9 1	.....	.....	321 12 0	.....	323 5 1
E	5	32 9 6	14 0 1	10 8 1	57 1 8	.....	.....	.....	10 13 6	67 15 2
Total...	10	32 9 6	14 14 5	11 2 10	58 10 9	.....	.....	321 12 0	10 13 6	391 4 3
1891-92.										
A	5	.....	2 14 6	2 2 10	5 1 4	.....	.....	113 4 0	38 0 0	156 5 4
E	2	18 13 0	8 9 8	6 7 3	33 13 11	.....	.....	.....	.....	33 13 11
Total...	7	18 13 0	11 8 2	8 10 1	38 15 3	.....	.....	113 4 0	38 0 0	190 3 3
1890-91.										
E	3	30 10 0	14 0 1	10 8 1	55 2 2	.....	.....	.....	.....	55 2 2
Total...	3	30 10 0	14 0 1	10 8 1	55 2 2	.....	.....	.....	.....	55 2 2
GRAND TOTAL...	364	6,531 11 6	2,011 6 7	1,627 3 8	10,170 5 9	.....	1,892 13 10	2,008 5 2	1,036 13 3	15,108 6 0

NANABHAI RASTAMJI RANINA,
A. THOMSON,
Municipal Auditors.

Bombay, 28th July 1893.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

APPENDIX C.

SUMMARY OF APPENDICES A AND B.

	Appendix A.		Appendix B.		Grand Total.	
	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1897-98	2,290	93,516 15 2	.....	.....	2,290	93,516 15 2
1896-97	.....	.....	277	12,903 2 8	277	12,903 2 8
1895-96	.....	.....	46	1,195 8 1	46	1,195 8 1
1894-95	.....	.....	13	273 4 0	13	273 4 0
1893-94	.....	.....	8	99 13 7	8	99 13 7
1892-93	.....	.....	10	391 4 8	10	391 4 8
1891-92	.....	.....	7	190 8 3	7	190 8 3
1890-91	.....	.....	3	55 2 2	3	55 2 2
Total ...	2,290	93,516 15 2	364	15,108 6 0	2,654	1,08,625 5 2

NANABHAI RASTAMJI RANINA,
A. THOMSON,
Municipal Auditors.

BOMBAY, *28th July* 1898.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE.

In accordance with Bye-law No. 15 of the Joint Schools Committee, we beg to report that we have audited the accounts and examined all the vouchers and papers relating to the receipts and disbursements of the School funds in charge of the Joint Schools Committee from 1st April 1897 to 31st March 1898.

The opening balance on 1st April 1897 (including recoverable advances and excluding deposits) was Rs. 48,499-7-1.

The total receipts of the Joint Schools Committee for the year 1897-98 amounted to Rs. 1,27,165-9-0, against Rs. 1,19,435-11-6 in 1896-97, being Rs. 7,729-13-6 more than in the previous year, due to the Municipal contribution having increased from Rs. 59,135 to Rs. 72,478.

The total expenditure incurred was Rs. 1,22,542-13-1, against Rs. 1,27,731-11-3 in 1896-97, being Rs. 5,188-14-2 less than in the previous year, the reduction being apparently due to absence of teachers and other members of the Staff. The credit balance was Rs. 53,122-3-0, being Rs. 4,622-11-11 in excess of the preceding year.

Certain suggestions which have been made to the Secretary in the matter of the accounts will be acted on in future.

We have found the accounts to be neatly and correctly kept, which reflects credit on the book-keeper.

NANABHAI RASTAMJI RANINA,

A. THOMSON,

Municipal Auditors.

BOMBAY, 21st *May* 1898.

00133752

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020